

## FLOW AND STRENGTH PROJECTIONS

MONTH: February 2026

	<u>PROJECTED</u>	<u>ACTUAL</u>	<u>DIFFERENCE</u>	<u>PROJECTED INCOME FOR MONTH</u>	<u>ACTUAL INCOME FOR MONTH</u>	<u>SURPLUS OR DEFICIT</u>
FLOW (GALLONS)	178,233,200	171,276,800	-6,956,400	\$ 166,113.34	\$ 159,629.98	\$ (6,483.36)
B.O.D. (#s)	383,923	380,408	-3,515	\$ 52,981.37	\$ 52,496.30	\$ (485.07)
S. SOLIDS (#s)	363,241	396,350	33,109	\$ 80,639.50	\$ 87,989.70	\$ 7,350.20
PHOSPHORUS (#s)	7,258	8,607	1,349	\$ 65,314.74	\$ 77,454.39	\$ 12,139.65
AMMONIA-N (#s)	36,431	39,772	3,341	\$ 21,676.45	\$ 23,664.34	\$ 1,987.90
CHLORIDES (#s)	1,106,879	1,182,405	75,526	\$ 13,282.55	\$ 14,188.86	\$ 906.31
			<b>TOTAL:</b>	\$ 400,007.95	\$ 415,423.57	\$ 15,415.62

(THRU FEBRUARY 2026)

PROJECTED FOR 2026

	<u>END OF YEAR PROJECTED</u>	<u>YEAR TO DATE SURPLUS/ DEFICIT</u>	<u>YEAR TO DATE SURPLUS/ DEFICIT \$\$</u>
FLOW (GALLONS)	2,301,369,933	-10,822,433	\$ (10,086.51)
B.O.D. (#s)	5,484,285	-29,492	\$ (4,069.90)
S. SOLIDS (#s)	4,877,973	68,388	\$ 15,182.14
PHOSPHORUS (#s)	94,940	2,596	\$ 23,361.40
AMMONIA-N (#s)	666,440	2,454	\$ 1,460.13
CHLORIDES (#s)	11,252,829	226,646	\$ 2,719.75
		<b>TOTAL:</b>	\$ 28,567.02

**RAW INFLUENT STRENGTH ( Heart of the Valley Metropolitan Sewerage Facility)**

**February 2026**

MONTH	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE		
	Million * Gallons	Avg MGD	Avg mg/L	Avg #/day	Total #/Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month
Jan	195.1	6.3	191	10,044	301,141	207	10,854	326,560	5.57	293	9,104	29.1	1527	46,377	827	43,402	1,336,673
Feb	169.9	6.1	203	10,280	277,929	200	10,102	275,464	5.90	298	8,139	29.2	1476	40,090	890	45,038	1,255,522
Mar																	
Apr																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
<b>Average</b>	182.5	6.2	197	10,162	289,535	203	10,478	301,012	5.73	295	8,622	29.1	1,501	43,234	858	44,220	1,296,098
<b>Yearly Total</b>	365.0				579,069			602,024			17,243			86,467			2,592,195

\*Includes Hauled Waste

[Plant Design Capacity] =	8.5	13,565	12,209	339	1,600
(Hauled Waste Gallons): 212,420					
[Max Design Capacity] =	11.9	16,278	14,651	407	1,920
February % of Capacity =	53%	62%	74%	72%	80%

February Max Daily Flow = 11.12  
February Min Daily Flow = 5.103

**EFFLUENT QUALITY**

MONTH	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE
	Million Gallons	Avg MGD	Avg mg/L	Avg #/day	Total #/Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L
Jan	114.0	3.7	3.6	111	3,432	4.4	135	4,136	0.30	9.2	273	0.48	14.8	429	819
Feb	95.0	3.4	5.7	161	4,143	3.3	94	2,542	0.23	6.6	171	0.33	9.4	232	890
Mar															
Apr															
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
<b>Average</b>	104.5	3.5	4.6	136	3,787	3.9	114.6	3,339	0.27	7.9	222.1	0.41	12.1	330.9	855
<b>Yearly Total</b>	209.0				7,575			6,677			444			661.8	

Monthly Avg Limit	
Jan- March	10 mg/L
April-May	11 mg/L
June-Sept	4.4 mg/L
Oct- Dec	18 mg/L

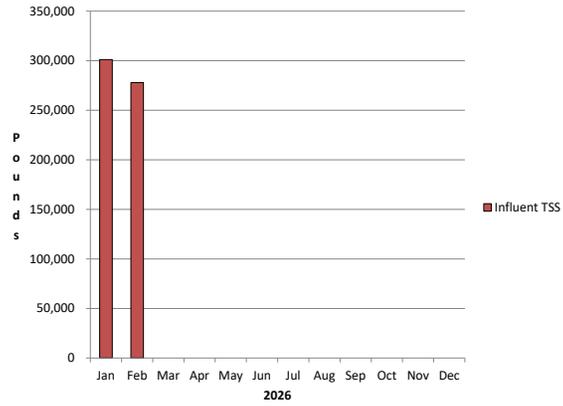
{PERMIT LIMITS (WDNR) →

Monthly (Avg)	650#	Monthly Avg	30 mg/L	Monthly Avg	31.5#
Weekly (Avg)	990#	Weekly Avg	45 mg/L	6 mo Avg	10.5#
Daily Max (mg/L)	30			Daily Max mg/L	1.0

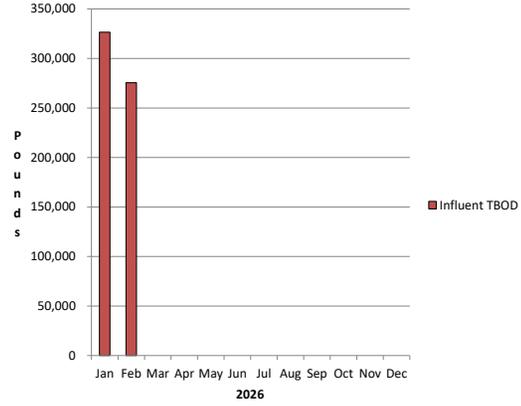
Effluent Gallons to Fox Energy (February)	
Million Gallons	
74.94	44%

February	Avg #'s	6 mo. Avg #'s	Nov- April
WEEK 1	134	6.70	
WEEK 2	168		
WEEK 3	194		
WEEK 4	95		

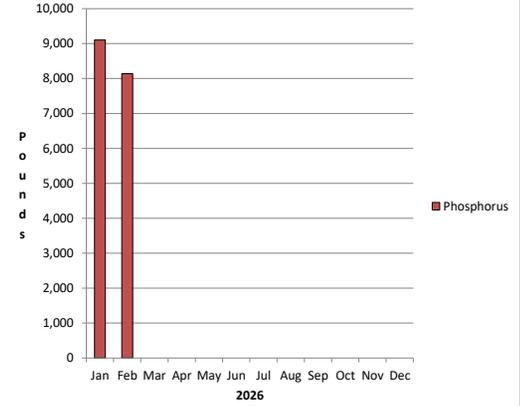
**Influent TSS Total Pounds/Mo.**



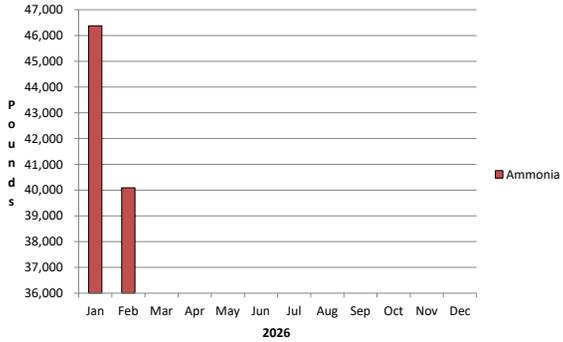
**Influent BOD Total Pounds / Mo.**



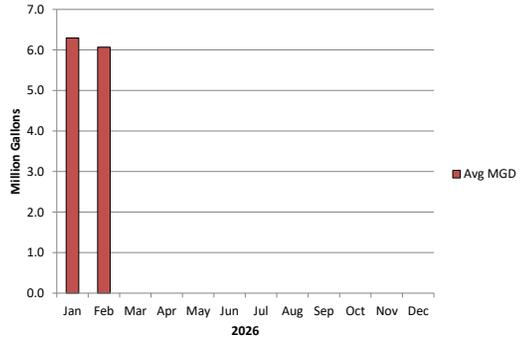
**Influent Phosphorus Total Pounds/Mo.**



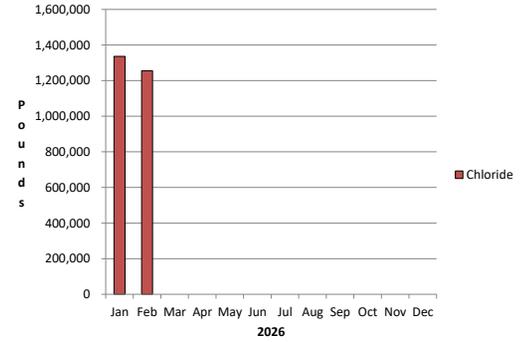
**Influent Ammonia Total Pounds/Mo.**



**Avg Influent MGD/Mo.**

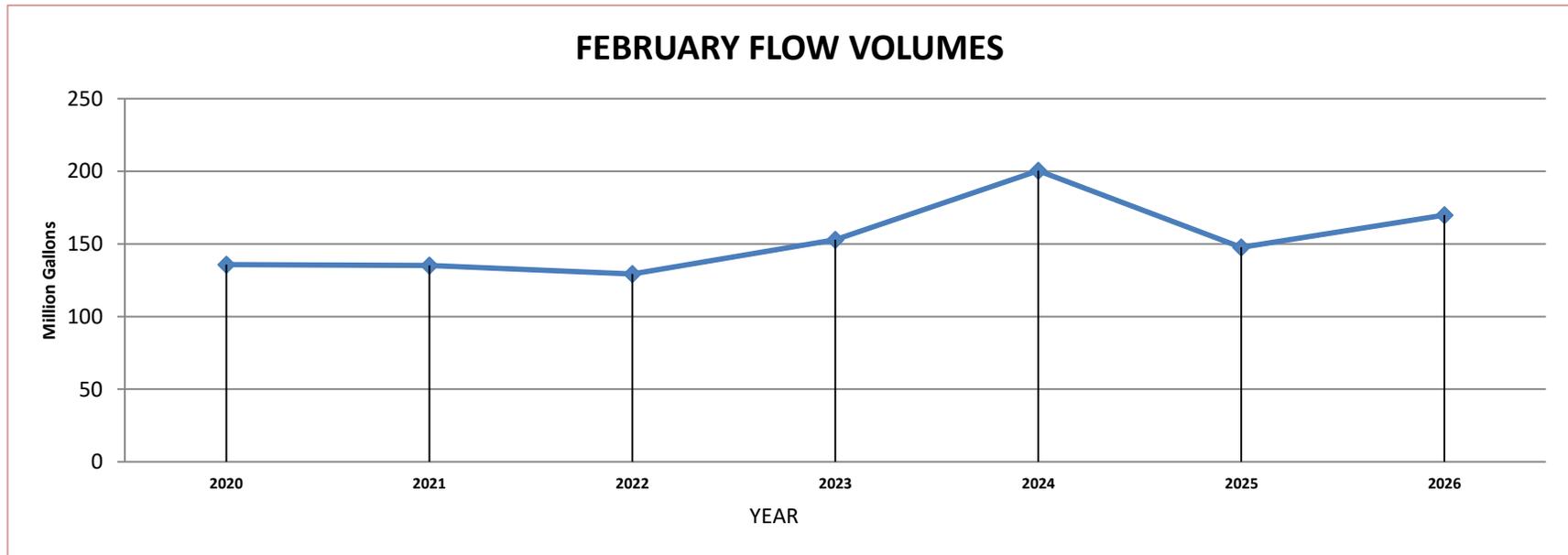


**Influent Chloride Total Pounds/Mo.**



# HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

<u>Year</u>	<u>February Flow Million Gallons</u>
2020	135.703
2021	135.210
2022	129.312
2023	152.933
2024	200.450
2025	147.585
2026	169.895





# HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

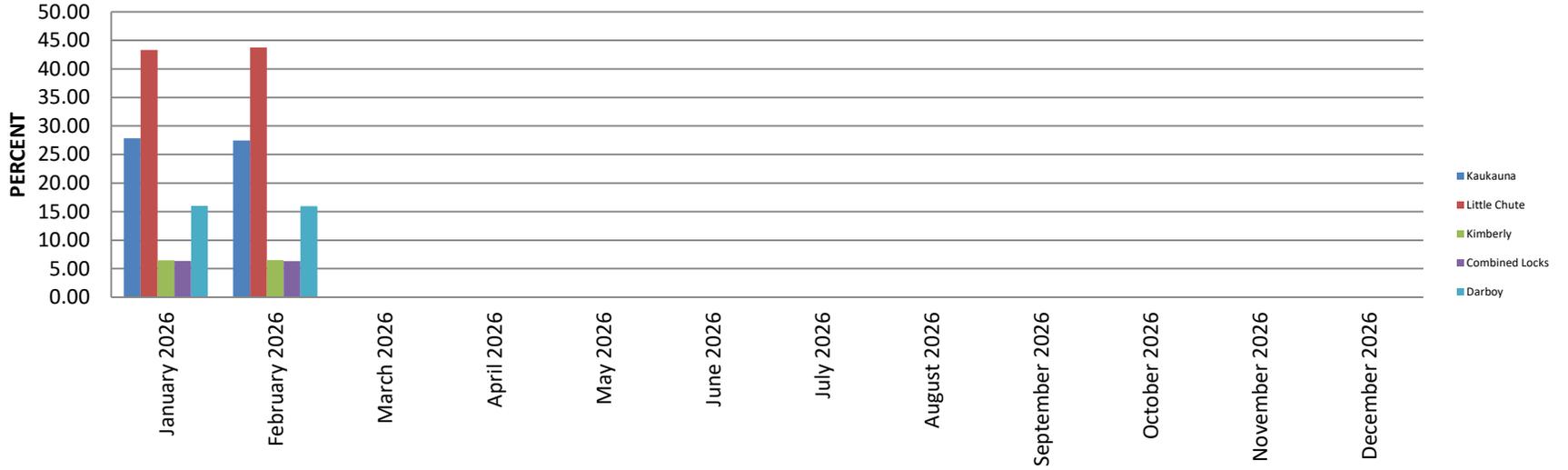
## % CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>	<u>Rainfall - Inches</u>
January 2026	27.84	43.32	6.46	6.37	16.01	
February 2026	27.47	43.75	6.50	6.32	15.97	
March 2026						
April 2026						
May 2026						
June 2026						
July 2026						
August 2026						
September 2026						
October 2026						
November 2026						
December 2026						

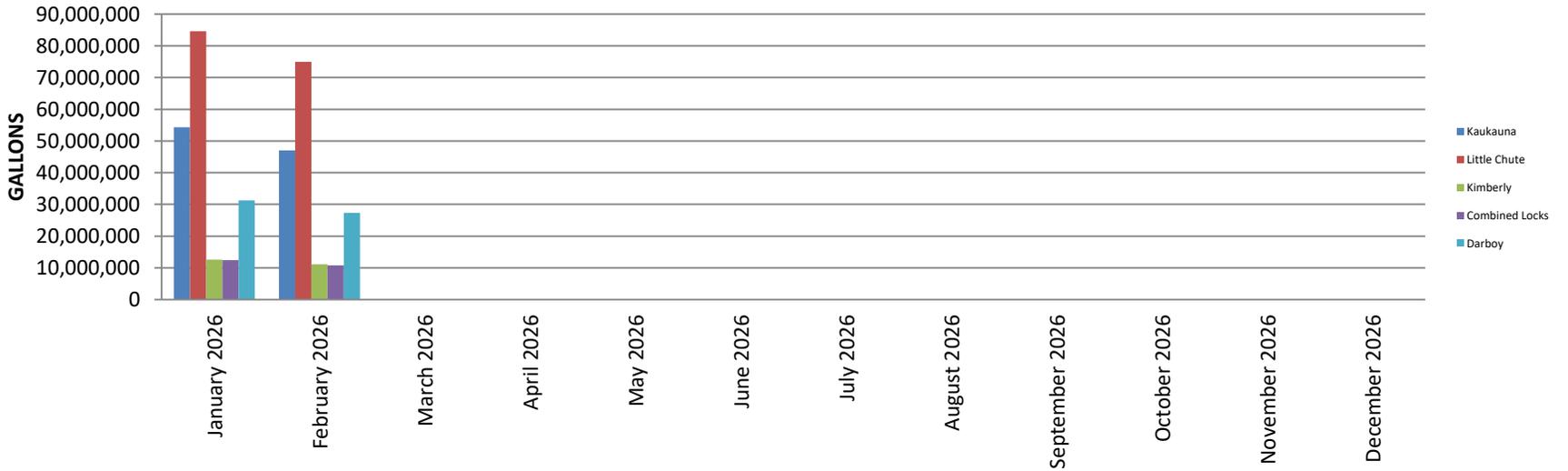
## GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	54,349,200	84,575,000	12,605,000	12,446,000	31,268,000
February 2026	47,045,800	74,929,000	11,127,000	10,823,000	27,352,000
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

## % CONTRIBUTION BY COMMUNITY - FLOW GALLONS



## GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS



# HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

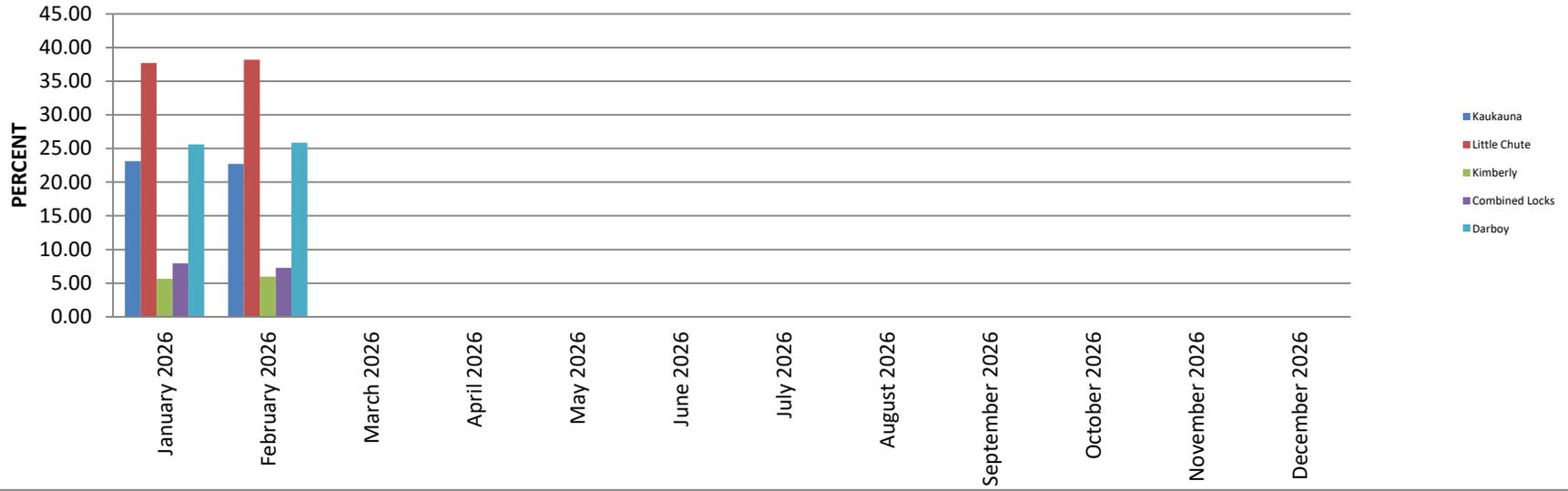
## % CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	23.13	37.68	5.65	7.93	25.61
February 2026	22.70	38.18	5.96	7.30	25.85
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

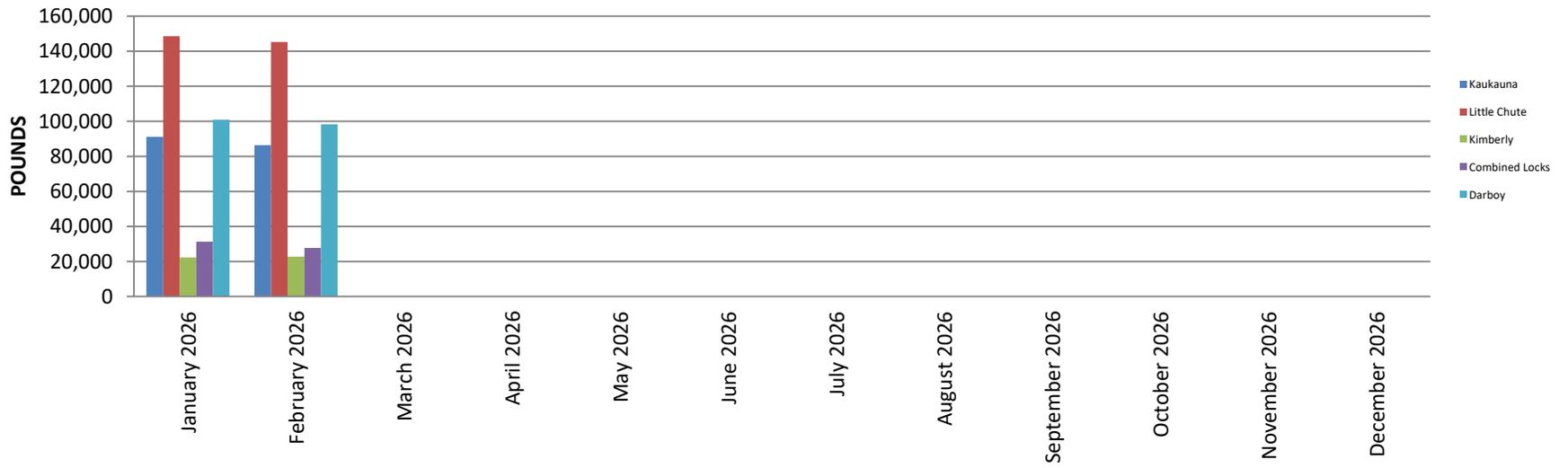
## POUNDS CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	91,125	148,479	22,262	31,230	100,916
February 2026	86,369	145,240	22,691	27,775	98,334
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

### % CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS



### POUNDS CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS



# HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

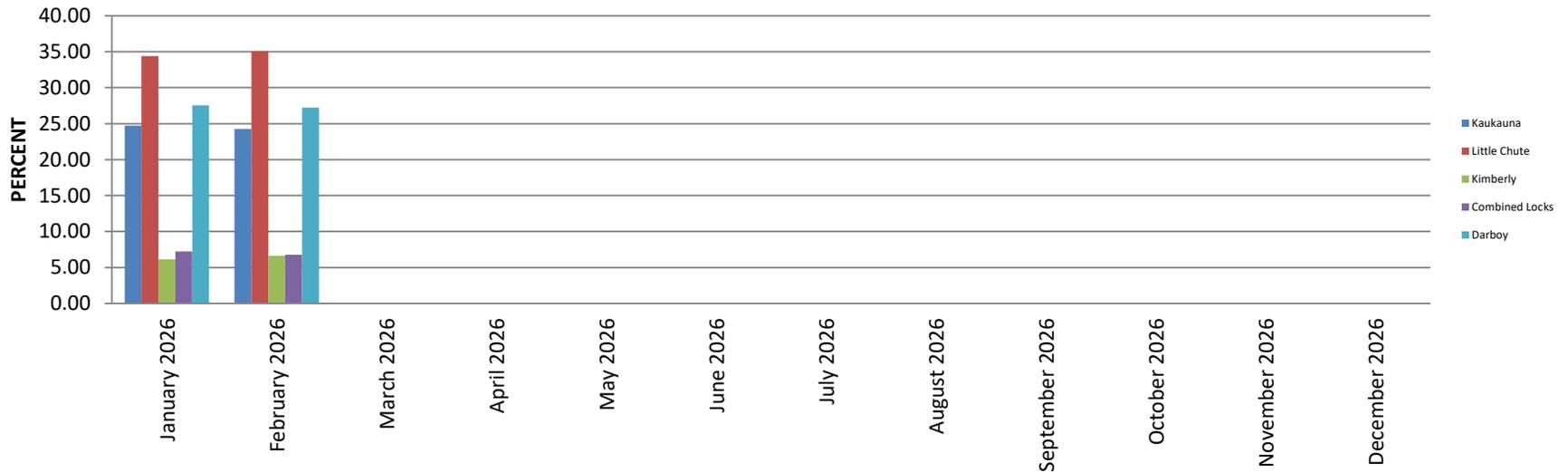
## % CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	24.71	34.40	6.11	7.24	27.54
February 2026	24.28	35.10	6.64	6.76	27.23
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

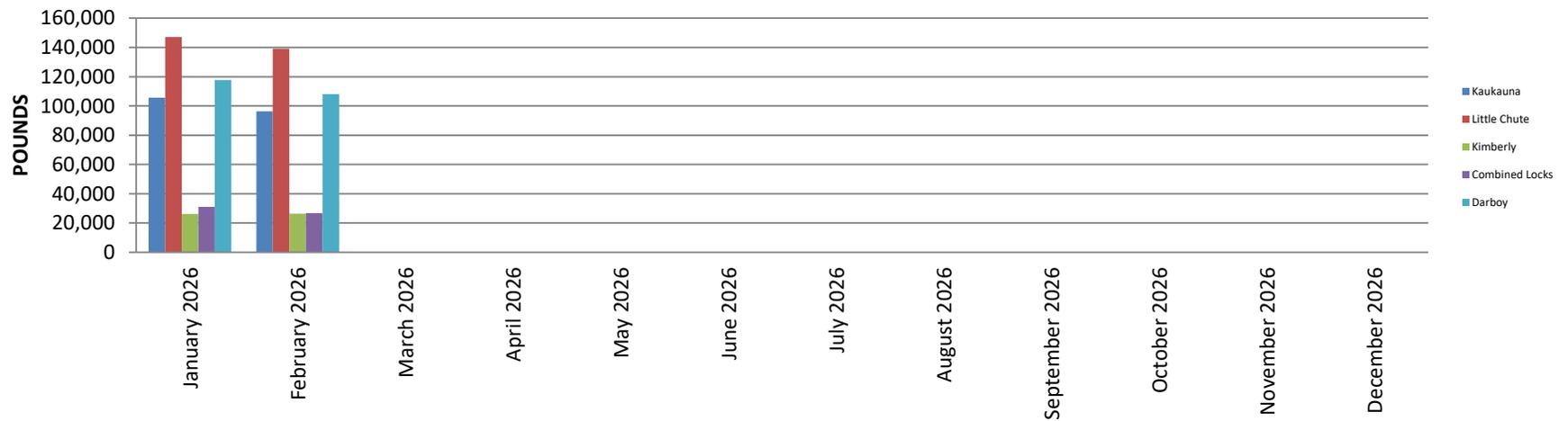
## POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	105,678	147,080	26,142	30,951	117,740
February 2026	96,229	139,104	26,301	26,776	107,941
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

### % CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS



### POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS



# HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

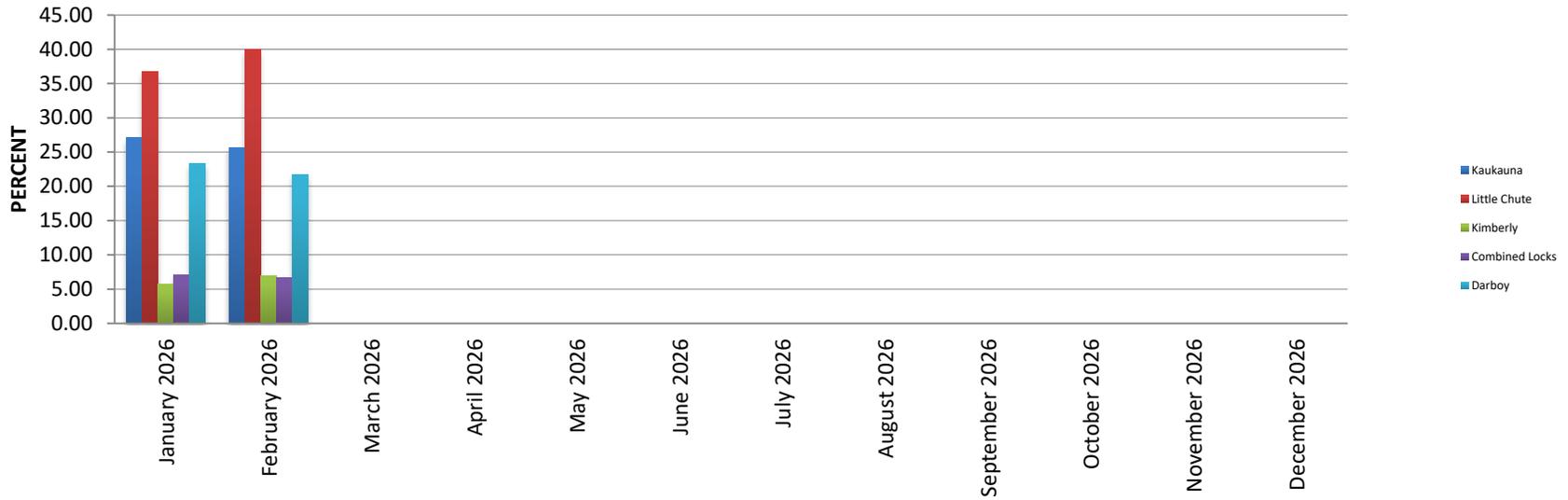
## % CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	27.06	36.75	5.76	7.05	23.38
February 2026	25.61	39.97	6.97	6.72	21.73
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

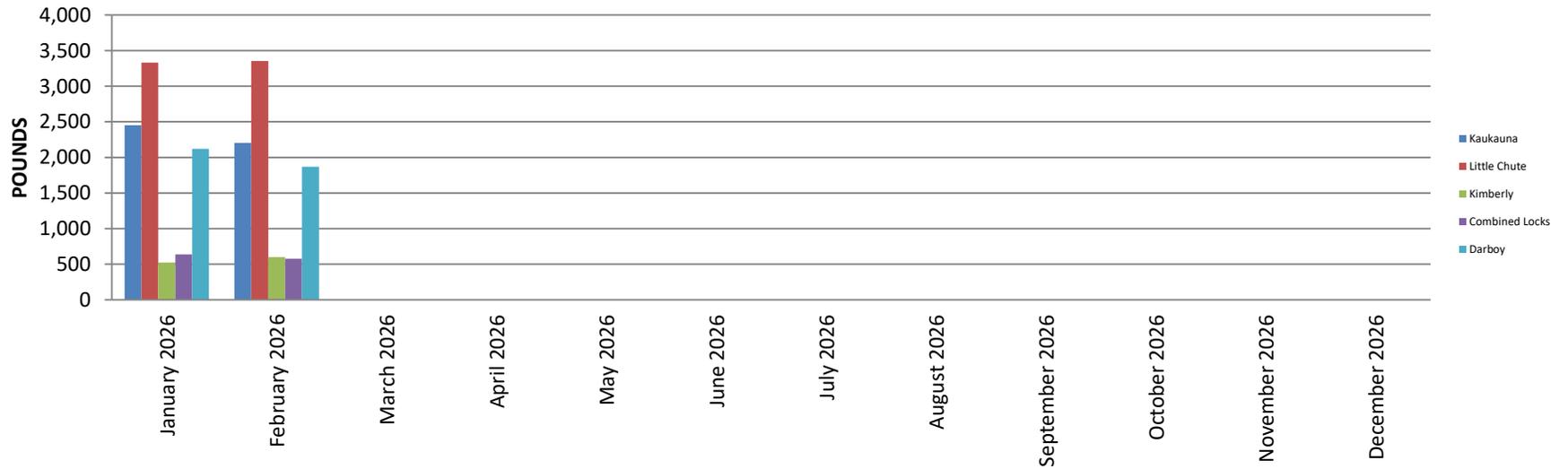
## POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	2,452	3,331	522	639	2,119
February 2026	2,204	3,354	600	578	1,870
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

### % CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS



### POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS



# HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

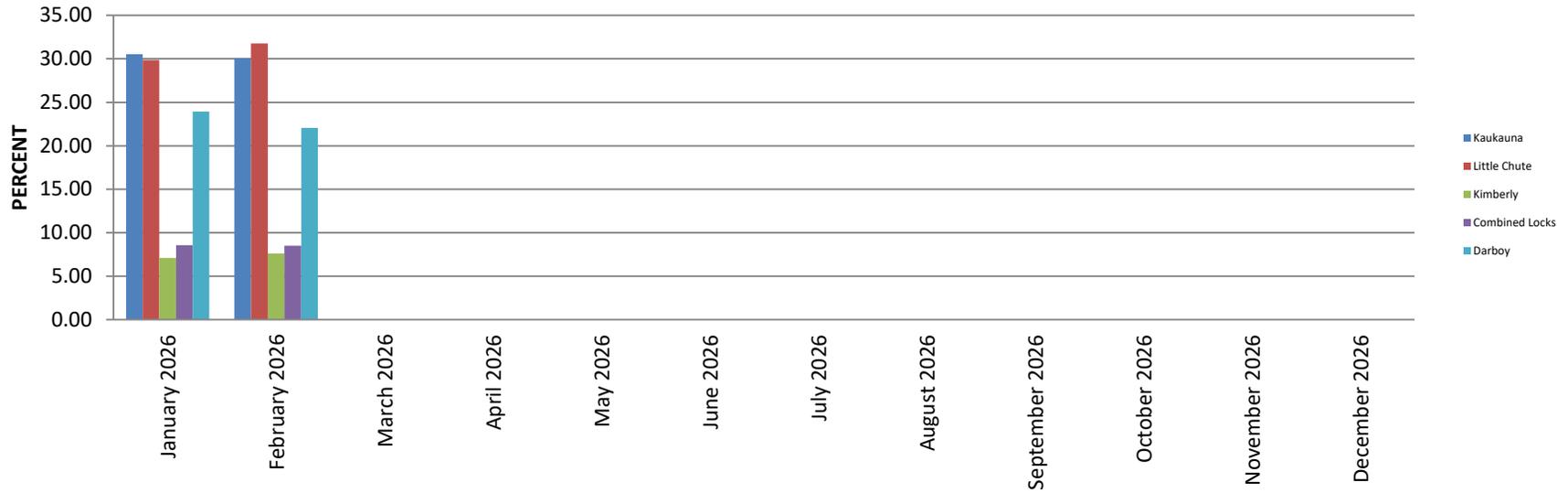
## % CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	30.53	29.87	7.08	8.56	23.95
February 2026	30.05	31.76	7.62	8.50	22.06
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

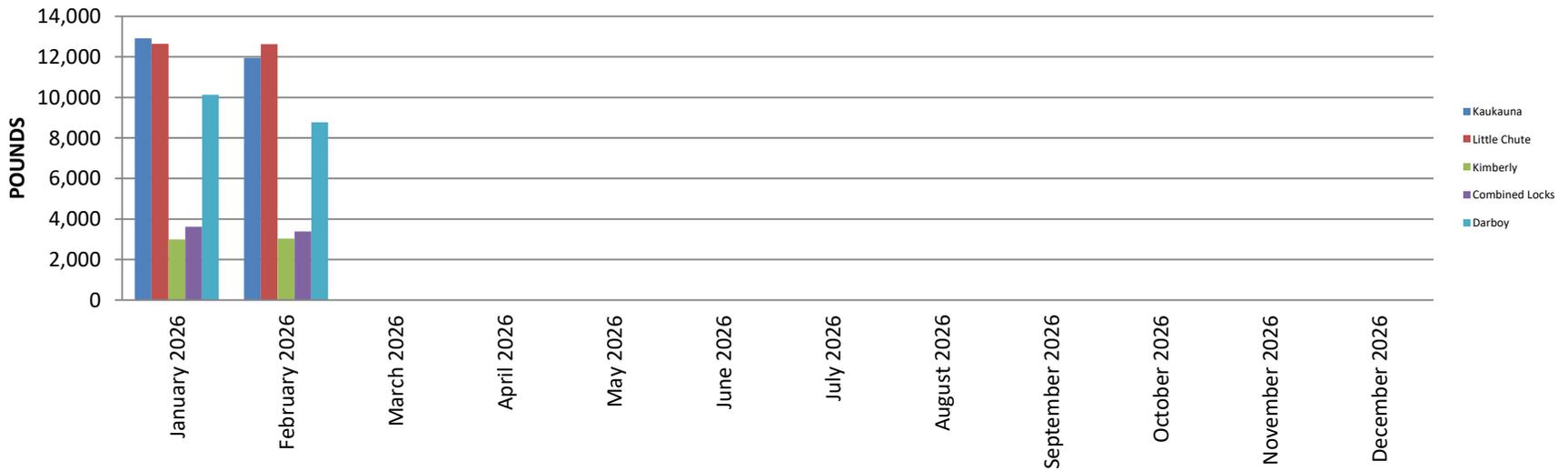
## POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	12,914	12,635	2,995	3,620	10,130
February 2026	11,953	12,632	3,030	3,382	8,774
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

### % CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS



### POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS



# HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

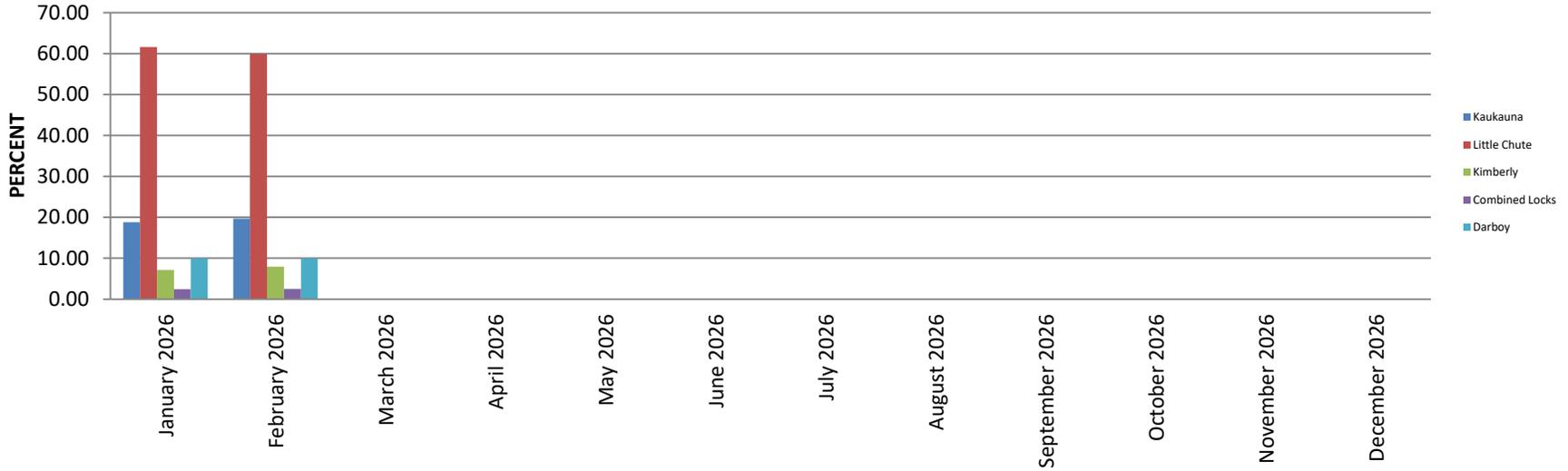
## % CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	18.84	61.58	7.17	2.47	9.95
February 2026	19.66	59.94	7.93	2.52	9.95
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

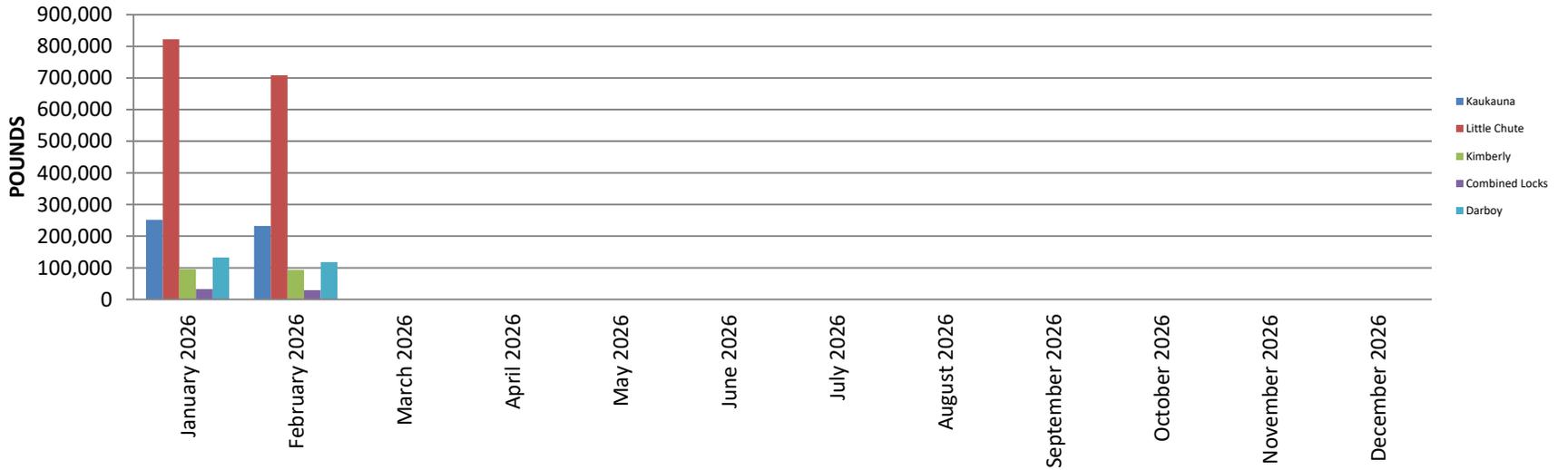
## POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2026	251,489	821,980	95,662	32,909	132,852
February 2026	232,479	708,749	93,783	29,785	117,609
March 2026					
April 2026					
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

### % CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

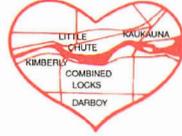


### POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS



**DISTRICT DIRECTOR:**

Brian M. Helminger

**COMMISSIONERS:**

Bruce M. Siebers, President  
 John W. Sundelius, Vice-President  
 Patrick E. Hennessey, Secretary  
 Kevin P. Coffey, Commissioner  
 Tim Degroot, Commissioner

**SERVING:**

Combined Locks  
 Kaukauna  
 Kimberly  
 Little Chute  
 Darboy S.D.

**Heart of the Valley****METROPOLITAN SEWERAGE DISTRICT**

801 THILMANY ROAD  
 KAUKAUNA, WISCONSIN 54130  
 (920) 766-5731 FAX (920) 766-5733  
 www.hvmsd.org

**Facility:** Wisconsin Public Service Corporation - Fox Energy Center  
 P.O. Box 5651  
 Bismarck, ND 58506

**Attn:** Account # N2310E**Month:** February**Year:** 2026**Gallons of Final Effluent Purchased (Billing)**

<u>Date</u>	<u>Gallons</u>	<u>Date</u>	<u>Gallons</u>
2/1/2026	2,268,000	2/21/2026	2,779,000
2/2/2026	2,885,000	2/22/2026	2,713,000
2/3/2026	3,057,000	2/23/2026	3,226,000
2/4/2026	3,078,000	2/24/2026	2,791,000
2/5/2026	2,460,000	2/25/2026	2,919,000
2/6/2026	2,673,000	2/26/2026	2,969,000
2/7/2026	2,514,000	2/27/2026	2,611,000
2/8/2026	2,410,000	2/28/2026	2,993,000
2/9/2026	2,559,000		
2/10/2026	2,424,000		
2/11/2026	2,701,000		
2/12/2026	2,522,000		
2/13/2026	2,400,000		
2/14/2026	2,639,000	<b>Total:</b>	<b>74,938,000</b>
2/15/2026	2,230,000		
2/16/2026	2,475,000		
2/17/2026	2,613,000		
2/18/2026	2,292,000		
2/19/2026	1,966,000		
2/20/2026	3,771,000		

**Facility:** Wisconsin Public Service Corporation - Fox Energy Center  
P.O. Box 5651  
Bismarck, ND 58506

**Attn:** Account # N2310E

## **MONTHLY BILLING**

**Month:** February

**Year:** 2026

**GALLONS PURCHASED:** 74,938,000

**BILLING RATE:** \$0.1974816 PER 1000 GALLONS

**TOTAL AMOUNT DUE: \$14,798.88**

**Heart of the Valley  
Metropolitan Sewerage District**

**Fox Energy Revenue  
From the Sale of Final Effluent**

**2026**

**Final Effluent Sent to Fox Energy Facility**

**Gallons: 156,031,000**

**Charge Per 1000 Gallons: \$0.1974816** Per 1000 Gallons

**Sale of Final Effluent (Revenue Collected): \$30,813.25**