

FLOW AND STRENGTH PROJECTIONS

MONTH: April 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)	279,357,000	404,899,000	125,542,000	\$ 260,360.72	\$ 377,365.87	\$ 117,005.14
B.O.D. (#s)	391,136	373,740	-17,396	\$ 53,976.77	\$ 51,576.12	\$ (2,400.65)
S. SOLIDS (#s)	404,831	496,439	91,608	\$ 89,872.48	\$ 110,209.46	\$ 20,336.98
PHOSPHORUS (#s)	7,447	9,261	1,814	\$ 67,015.55	\$ 83,339.74	\$ 16,324.19
AMMONIA-N (#s)	38,081	39,254	1,173	\$ 22,658.20	\$ 23,356.13	\$ 697.93
CHLORIDES (#s)	1,228,879	1,552,966	324,087	\$ 14,746.55	\$ 18,635.59	\$ 3,889.04
			TOTAL:	\$ 508,630.27	\$ 664,482.91	\$ 155,852.64

(THRU APRIL 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	137,102,567	\$ 127,779.59
B.O.D. (#s)	5,484,285	-66,387	\$ (9,161.41)
S. SOLIDS (#s)	4,877,973	174,632	\$ 38,768.30
PHOSPHORUS (#s)	94,940	6,282	\$ 56,531.72
AMMONIA-N (#s)	666,440	5,239	\$ 3,117.21
CHLORIDES (#s)	11,252,829	820,310	\$ 9,843.72
		TOTAL:	\$ 226,879.13

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

April 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	285.6	9.2	150	11,528	341,852	134	10,328	298,925	3.97	305	8,490	20.0	1538	41,973	740	56,861	1,750,194
Apr	375.7	12.5	139	14,551	389,393	118	12,325	328,049	3.20	334	8,829	14.1	1474	39,548	554	57,840	1,595,250
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	256.6	8.5	171	11,601	327,579	165	10,902	307,250	4.66	307	8,641	23.1	1,504	41,997	753	50,785	1,484,410
Yearly Total	1,026.3				1,310,315			1,228,998			34,563			167,989			5,937,639
*Includes Hauled Waste																	
[Plant Design Capacity] = 8.5																	
[Hauled Waste Gallons]= 391,970																	
[Max Design Capacity] = 11.9																	
April % of Capacity = 105%																	
April Max Daily Flow = 28.59																	
April Min Daily Flow = 7.353																	

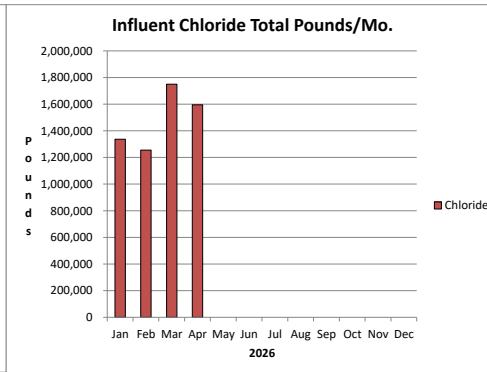
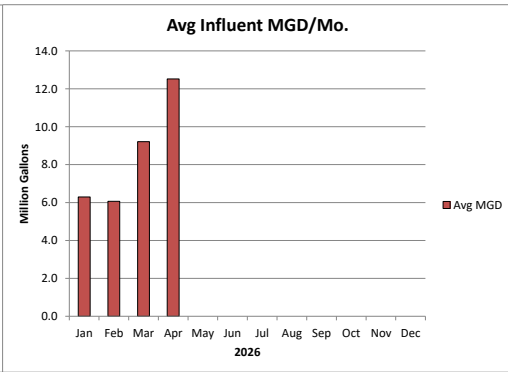
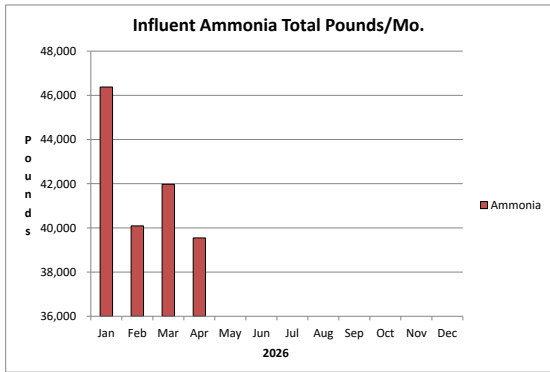
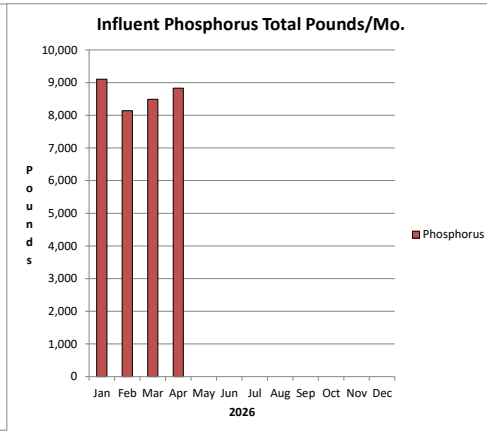
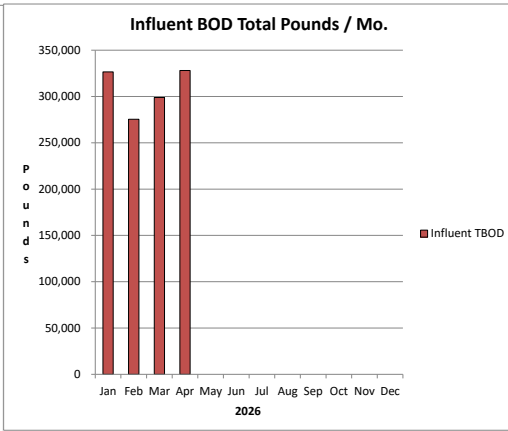
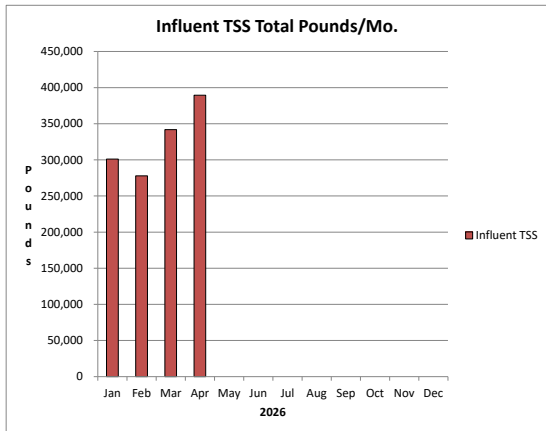
EFFLUENT QUALITY

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	195.4	6.3	3.8	198	5,587	4.3	227	7,093	0.14	7.3	219	0.19	10.0	224	733
Apr	342.2	11.4	6.2	586	20,203	5.0	475	15,629	0.13	12.4	380	0.27	25.2	749	567
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
Average	186.6	6.2	4.8	264	8,341	4.3	232.6	7,350	0.20	8.9	260.7	0.32	14.9	408.6	752
Yearly Total	746.6				33,364			29,400			1,043			1,634.5	

{PERMIT LIMITS (WDNR) →	Monthly (Avg)	650#	Monthly Avg	30 mg/L	Monthly Avg	31.5#	Monthly Avg Limit	10 mg/L
	Weekly (Avg)	990#	Weekly Avg	45 mg/L	6 mo Avg	10.5#	April-May	11 mg/L
	Daily Max (mg/L)	30			Daily Max mg/L	1.0	June-Sept	4.4 mg/L
							Oct- Dec	18 mg/L

Effluent Gallons to Fox Energy (April)	33.49	9%
April	Avg #'s	
WEEK 1	1237	
WEEK 2	1083	
WEEK 3	334	
WEEK 4	432	

6 mo. Avg #'s	7.89	Nov- April
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RAIN GAUGES

DAILY RAINFALL TOTALS

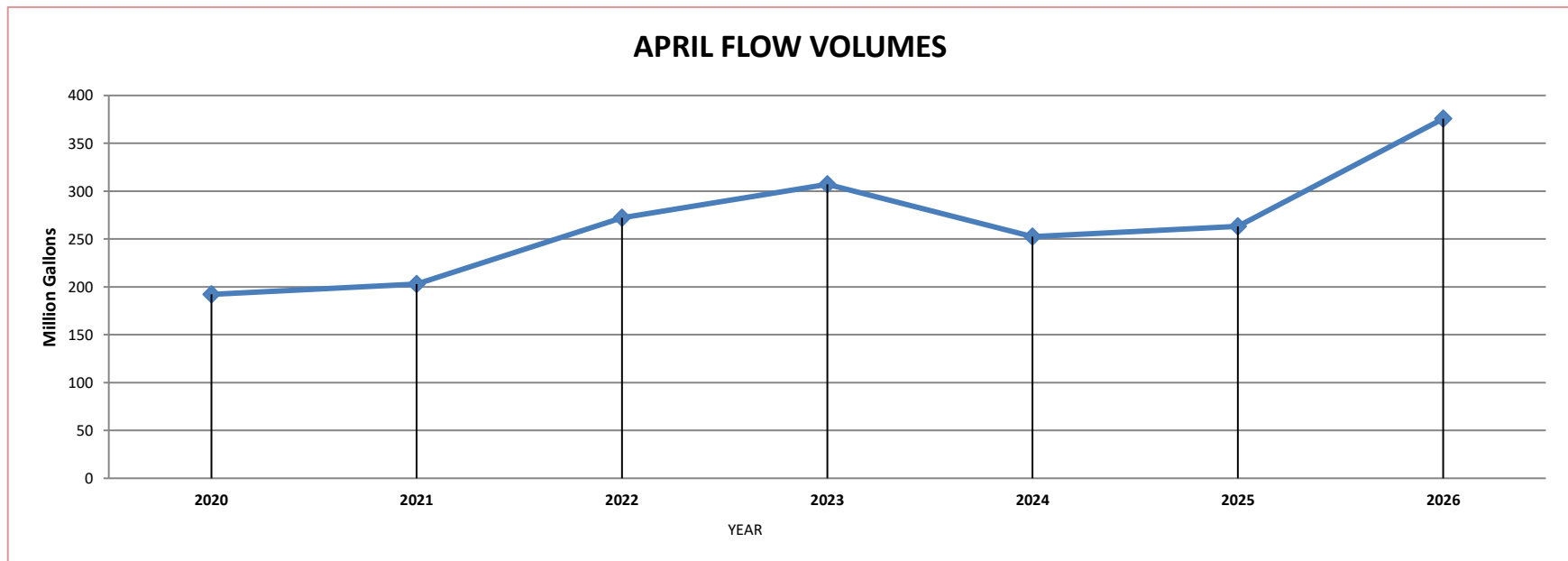
MONTH: APRIL

YEAR: 2026

<u>DATE</u>	<u>PLANT INCHES</u>	<u>KAUKAUNA INCHES</u>	<u>LITTLE CHUTE INCHES</u>	<u>KIMBERLY INCHES</u>	<u>DARBOY INCHES</u>
1	0.00	0.00	0.00	0.00	0.00
2	1.45	1.21	1.50	1.14	1.55
3	0.47	0.45	0.42	0.36	0.47
4	0.64	0.61	0.92	0.67	0.79
5	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.14	0.14	0.15	0.17	0.17
9	0.06	0.05	0.05	0.04	0.03
10	0.02	0.02	0.04	0.02	0.03
11	0.12	0.10	0.11	0.10	0.10
12	0.73	0.79	0.85	0.92	1.04
13	1.47	0.64	1.50	1.41	1.65
14	0.72	1.43	0.82	0.54	0.84
15	0.11	0.31	0.13	0.13	0.15
16	0.23	0.23	0.12	0.06	0.08
17	0.17	0.18	0.19	0.20	0.19
18	0.01	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00
23	0.01	0.00	0.00	0.00	0.00
24	0.05	0.04	0.05	0.09	0.09
25	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00
27	0.23	0.04	0.04	0.05	0.08
28	0.00	0.00	0.00	0.00	0.00
29	0.16	0.12	0.15	0.13	0.20
30	0.01	0.00	0.01	0.01	0.01
TOTAL:	6.80	6.36	7.05	6.04	7.47

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

<u>Year</u>	<u>April Flow Million Gallons</u>	<u>Precipitation Inches</u>
2020	192.15	1.21
2021	202.92	1.53
2022	272.294	2.87
2023	307.249	2.08
2024	252.403	1.96
2025	263.313	2.25
2026	375.657	6.74



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

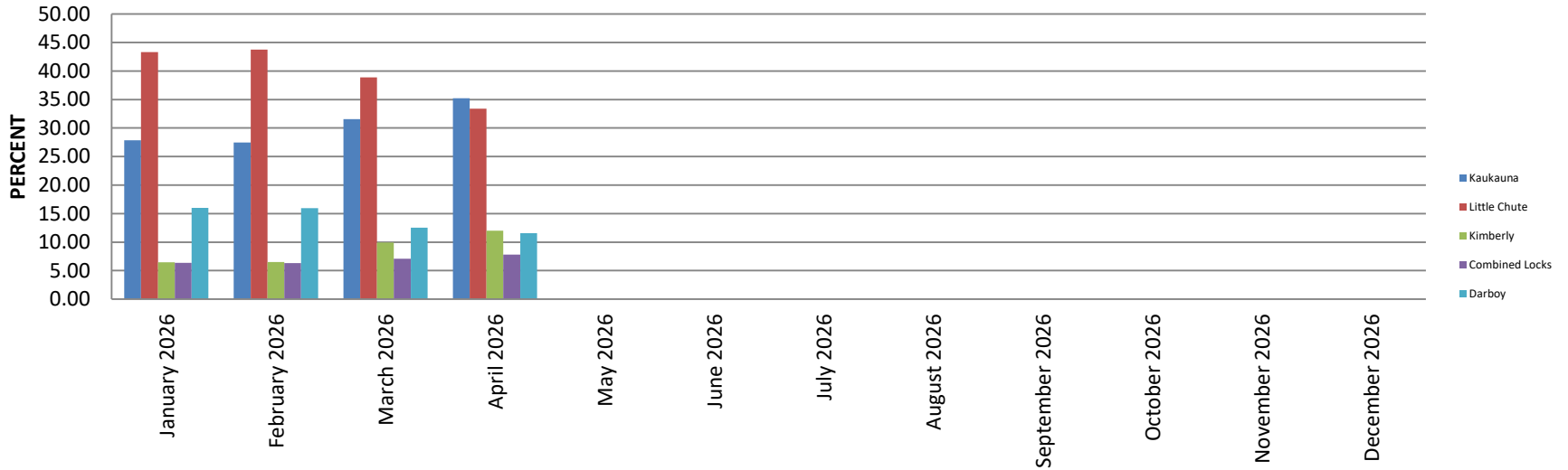
% CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<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	31.56	38.91	9.92	7.09	12.51	1.50
April 2026	35.22	33.38	12.02	7.82	11.55	6.74
May 2026						
June 2026						
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December 2026						

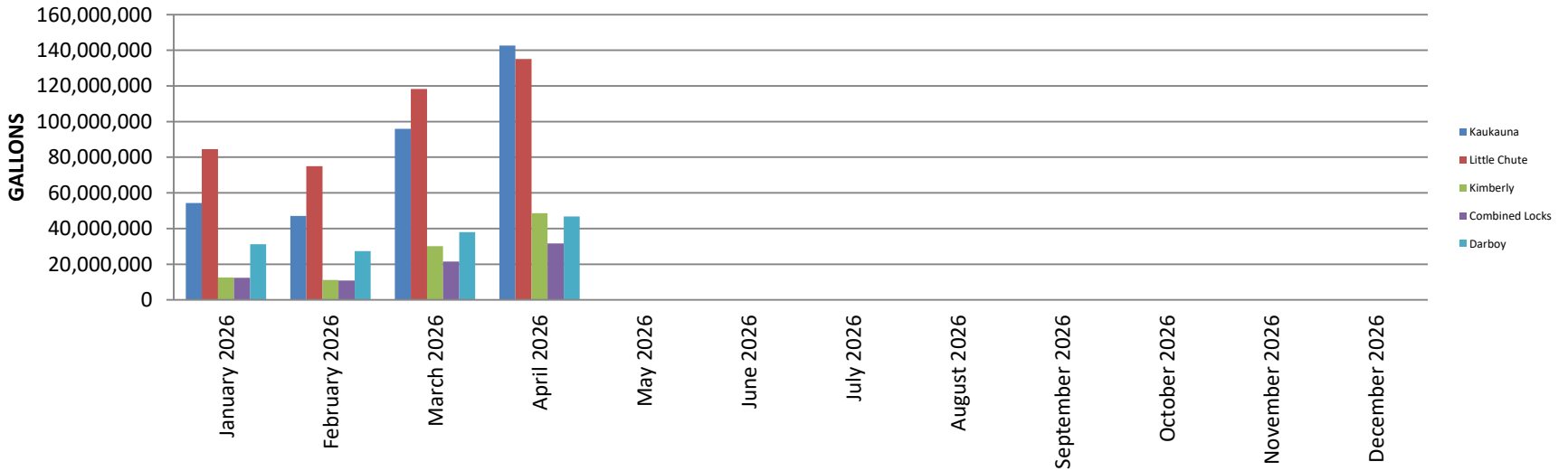
GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<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	95,919,000	118,250,000	30,140,000	21,554,000	38,025,000
April 2026	142,609,000	135,151,000	48,686,000	31,680,000	46,773,000
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

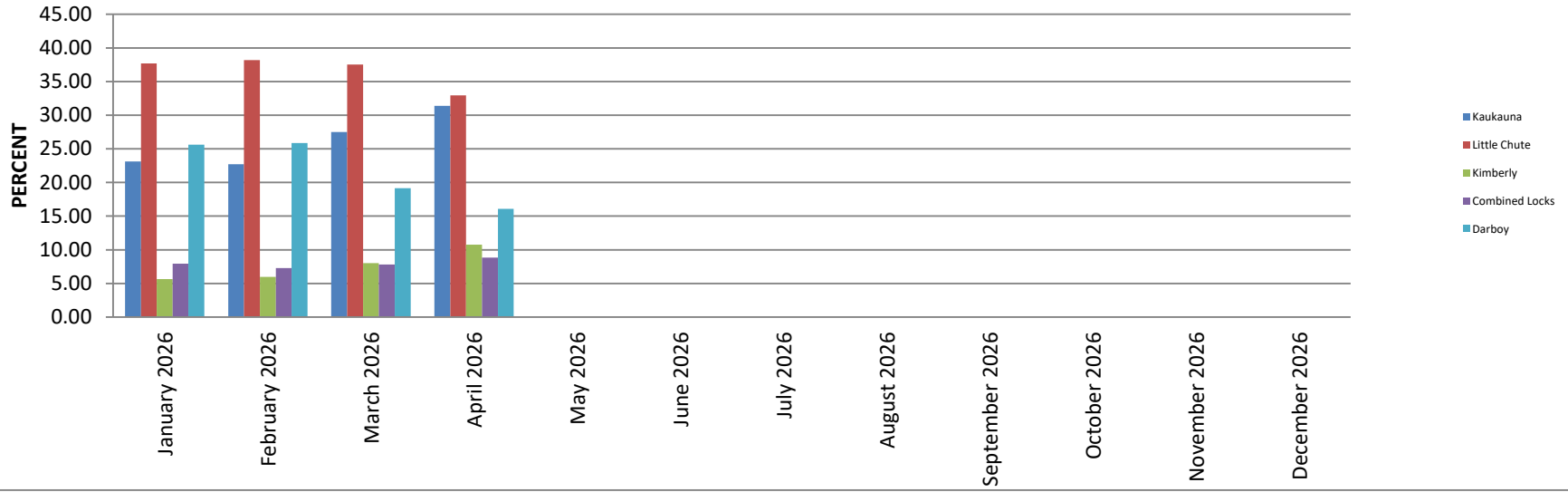
% CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<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	27.51	37.54	8.00	7.81	19.14
April 2026	31.39	32.93	10.77	8.84	16.07
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

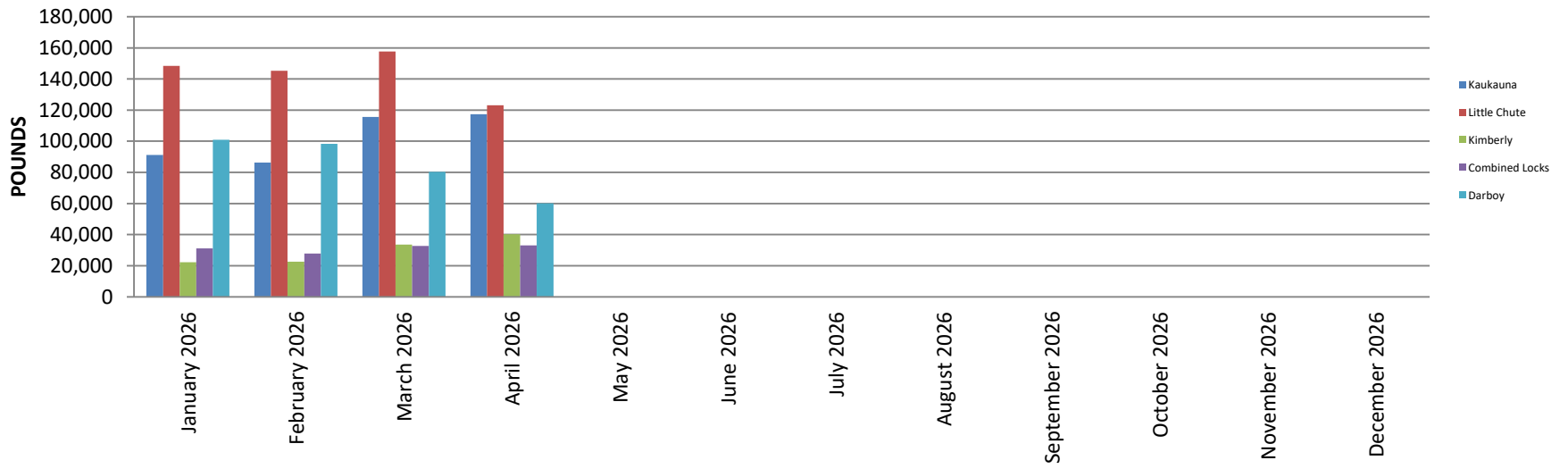
POUNDS CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<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	115,541	157,660	33,609	32,813	80,392
April 2026	117,329	123,065	40,255	33,031	60,059
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

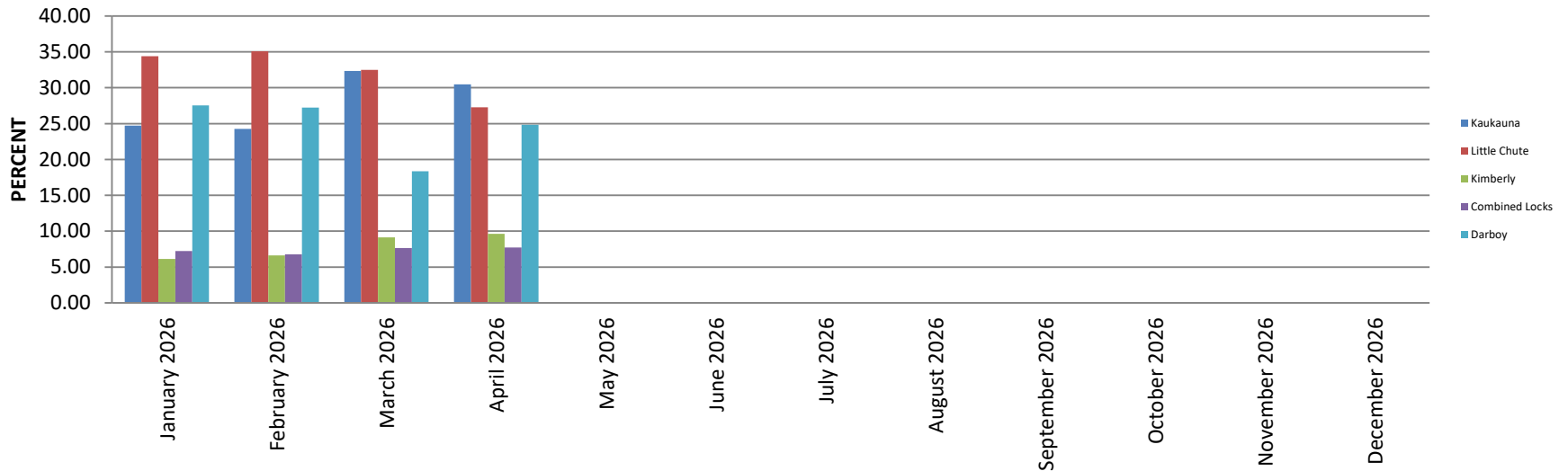
% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS

	<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	32.35	32.50	9.14	7.66	18.36
April 2026	30.48	27.29	9.65	7.73	24.85
May 2026					
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December 2026					

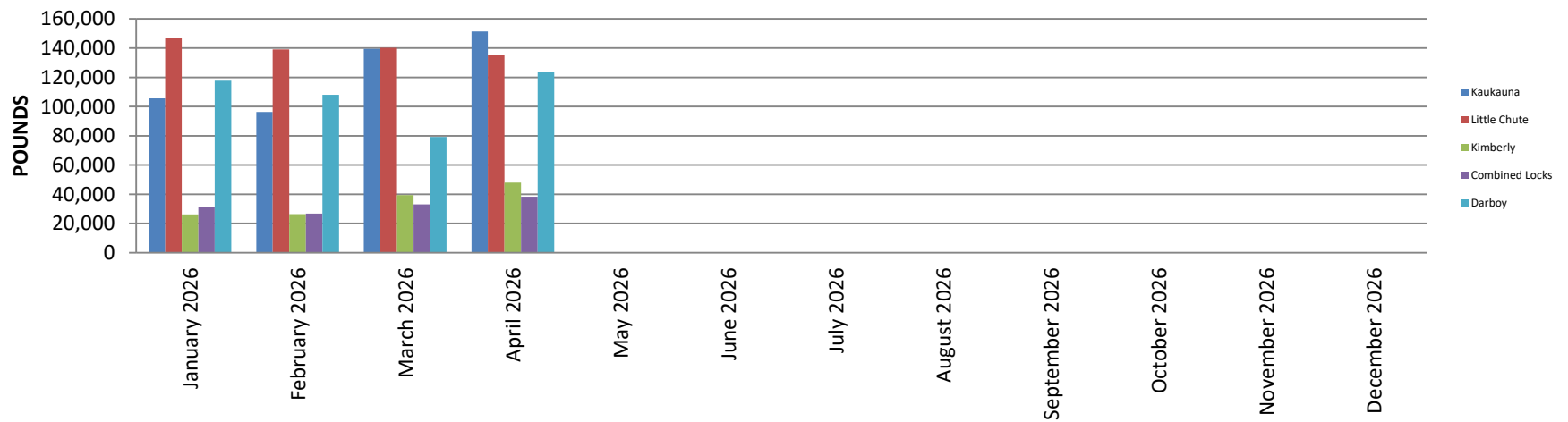
POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS

	<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	139,455	140,101	39,414	33,014	79,158
April 2026	151,305	135,497	47,903	38,376	123,358
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

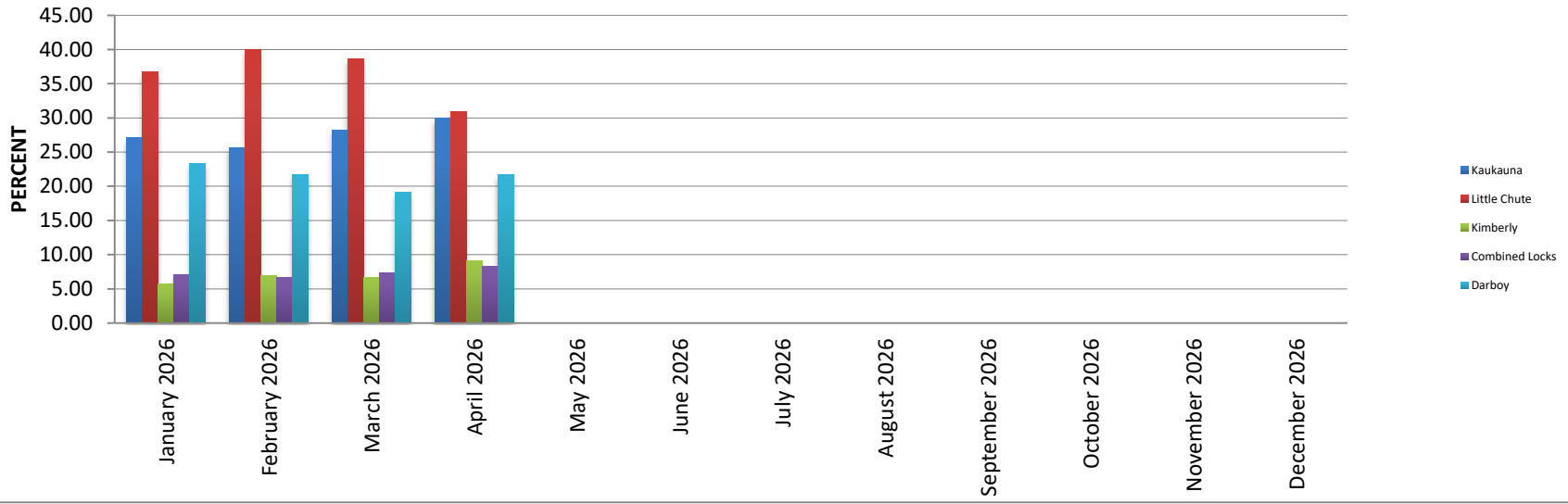
% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<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	28.27	38.69	6.65	7.30	19.09
April 2026	29.91	30.94	9.09	8.31	21.76
May 2026					
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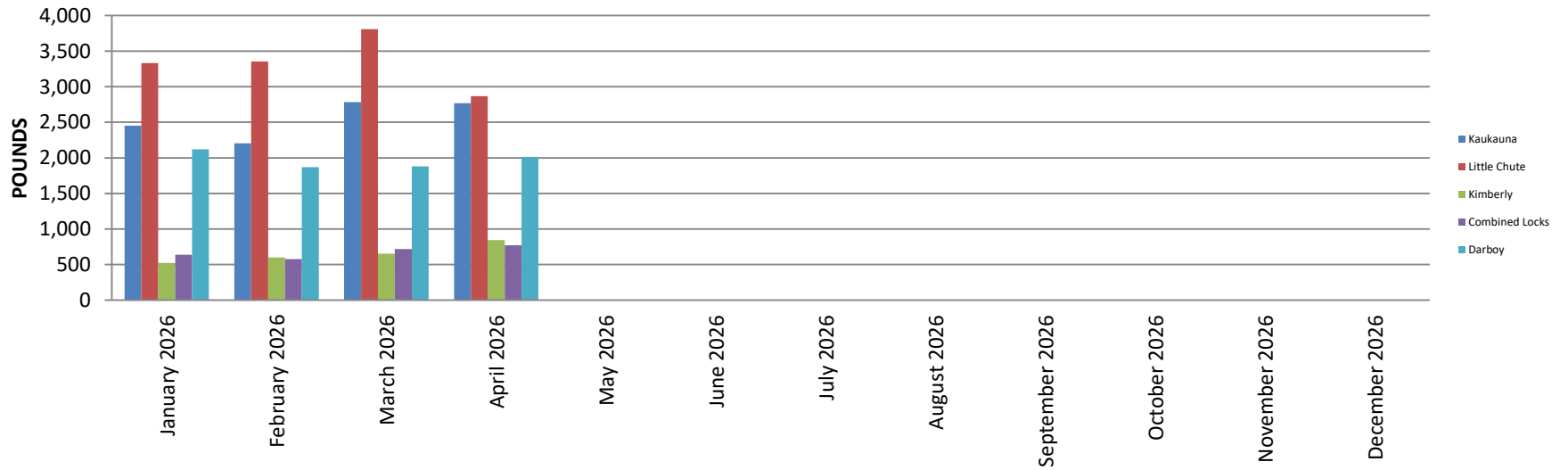
POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<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	2,783	3,809	655	719	1,879
April 2026	2,770	2,865	842	769	2,015
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

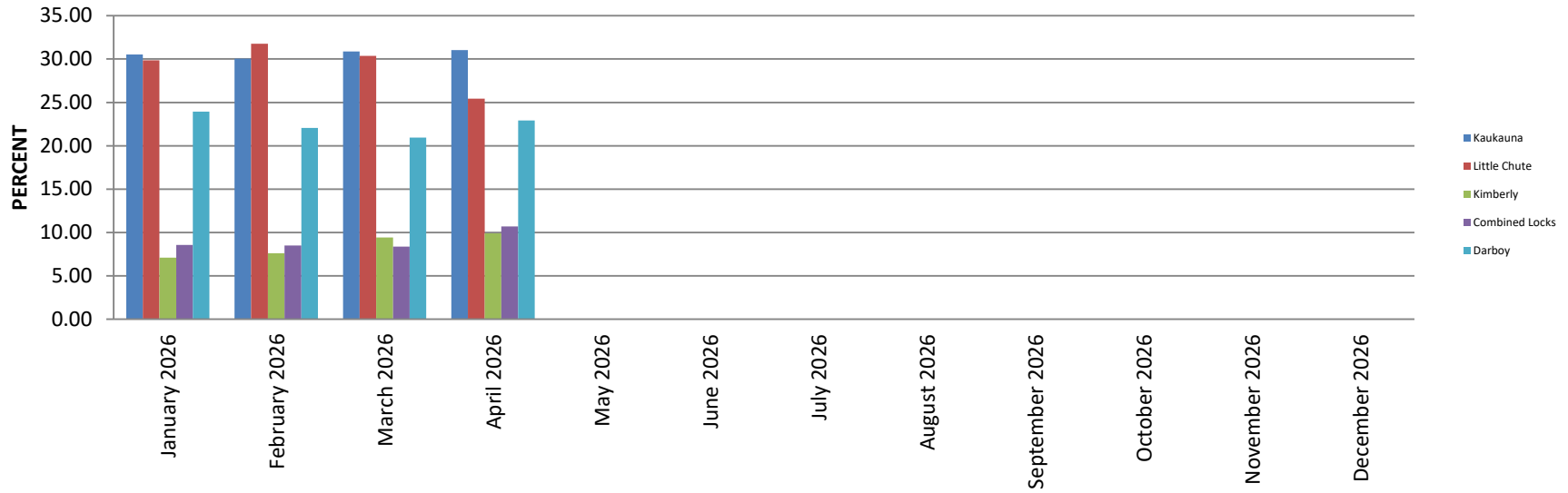
% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<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	30.89	30.37	9.41	8.38	20.95
April 2026	31.04	25.44	9.91	10.68	22.93
May 2026					
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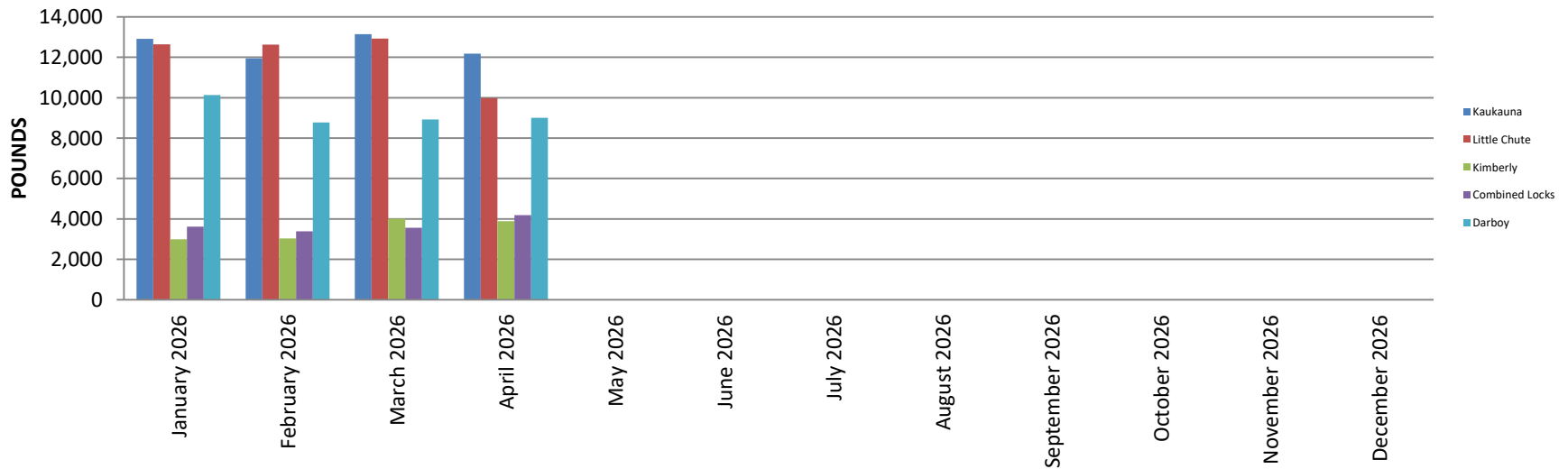
POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<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	13,148	12,926	4,006	3,566	8,919
April 2026	12,183	9,988	3,889	4,191	9,003
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

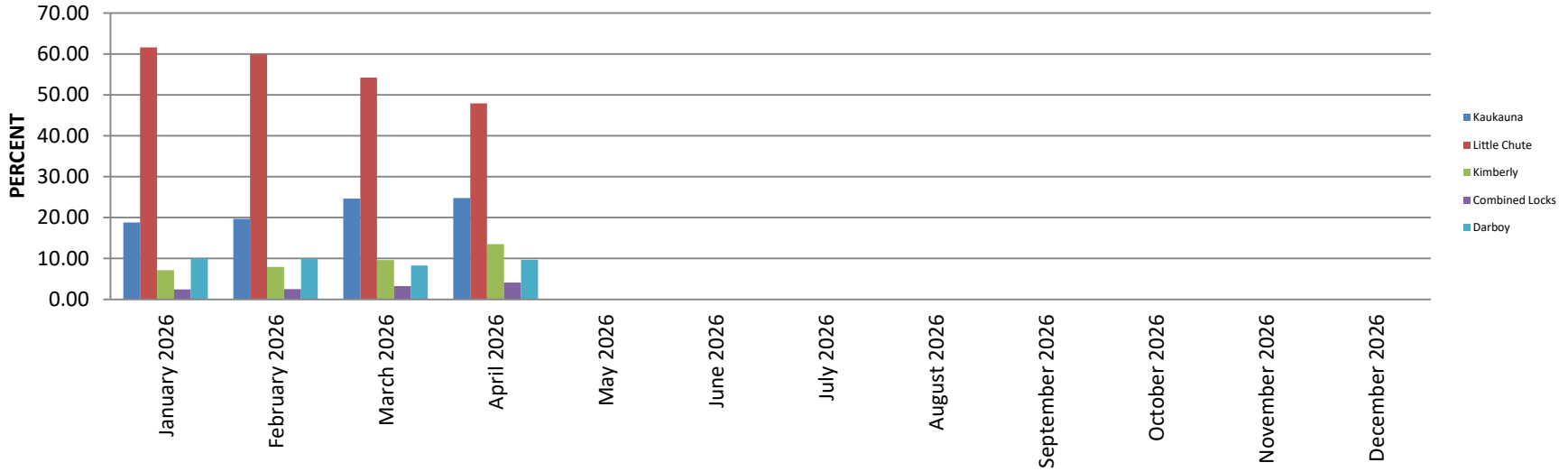
% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<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	24.67	54.20	9.63	3.24	8.26
April 2026	24.79	47.91	13.49	4.10	9.71
May 2026					
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November 2026					
December 2026					

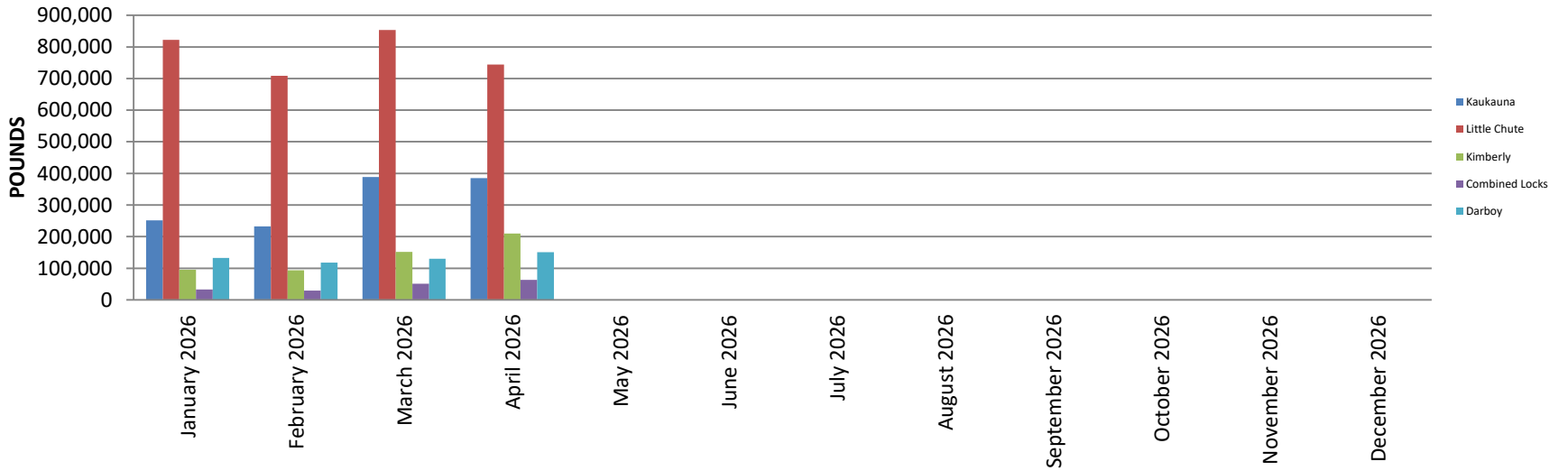
POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<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	388,111	853,653	151,463	50,927	129,963
April 2026	385,040	744,019	209,445	63,596	150,866
May 2026					
June 2026					
July 2026					
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

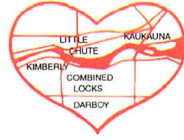


POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS



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: April

Year: 2026

Gallons of Final Effluent Purchased (Billing)

<u>Date</u>	<u>Gallons</u>	<u>Date</u>	<u>Gallons</u>
4/1/2026	410,000	4/21/2026	1,010,000
4/2/2026	0	4/22/2026	1,802,000
4/3/2026	0	4/23/2026	1,534,000
4/4/2026	0	4/24/2026	730,000
4/5/2026	0	4/25/2026	237,000
4/6/2026	1,306,000	4/26/2026	0
4/7/2026	3,210,000	4/27/2026	0
4/8/2026	2,924,000	4/28/2026	0
4/9/2026	3,040,000	4/29/2026	0
4/10/2026	2,749,000	4/30/2026	0
4/11/2026	2,024,000		
4/12/2026	1,613,000		
4/13/2026	1,568,000		
4/14/2026	1,841,000	Total:	33,491,000
4/15/2026	1,564,000		
4/16/2026	1,453,000		
4/17/2026	1,269,000		
4/18/2026	745,000		
4/19/2026	1,237,000		
4/20/2026	1,225,000		

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

Attn: Account # N2310E

MONTHLY BILLING

Month: April

Year: 2026

GALLONS PURCHASED: 33,491,000

BILLING RATE: \$0.1974816 PER 1000 GALLONS

TOTAL AMOUNT DUE: \$6,613.86

**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: 279,692,000

Charge Per 1000 Gallons: \$0.1974816 Per 1000 Gallons

Sale of Final Effluent (Revenue Collected): \$55,234.02