

FLOW AND STRENGTH PROJECTIONS

MONTH: August 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)	231,215,667	190,542,000	-40,673,667	\$ 215,493.00	\$ 177,585.14	\$ (37,907.86)
B.O.D. (#s)	427,245	390,329	-36,916	\$ 58,959.81	\$ 53,865.40	\$ (5,094.41)
S. SOLIDS (#s)	450,402	393,263	-57,139	\$ 99,989.24	\$ 87,304.39	\$ (12,684.86)
PHOSPHORUS (#s)	8,311	8,461	150	\$ 74,790.69	\$ 76,140.54	\$ 1,349.85
AMMONIA-N (#s)	42,156	40,499	-1,657	\$ 25,082.82	\$ 24,096.91	\$ (985.92)
CHLORIDES (#s)	1,103,172	1,240,247	137,075	\$ 13,238.06	\$ 14,882.96	\$ 1,644.90
			TOTAL:	\$ 487,553.63	\$ 433,875.34	\$ (53,678.29)

(THRU AUGUST 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	64,390,177	\$ 60,011.64
B.O.D. (#s)	5,484,285	-88,676	\$ (12,237.29)
S. SOLIDS (#s)	4,877,973	29,512	\$ 6,551.66
PHOSPHORUS (#s)	94,940	9,036	\$ 81,319.37
AMMONIA-N (#s)	666,440	11,644	\$ 6,928.44
CHLORIDES (#s)	11,252,829	1,539,920	\$ 18,479.04
		TOTAL:	\$ 161,052.87

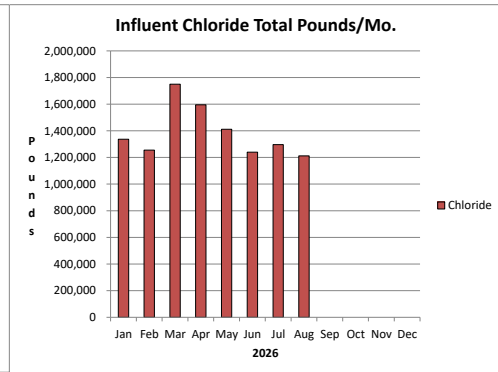
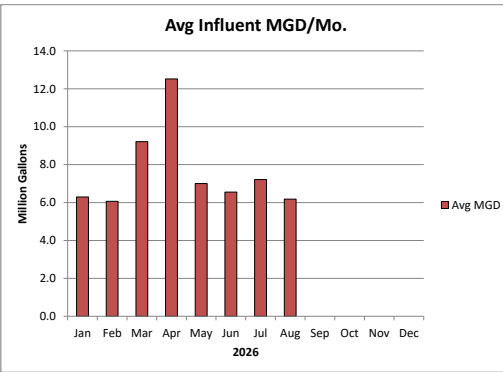
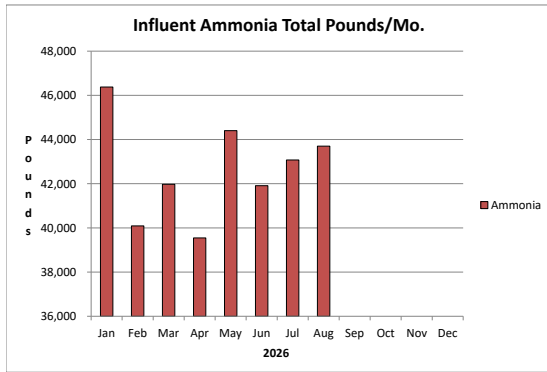
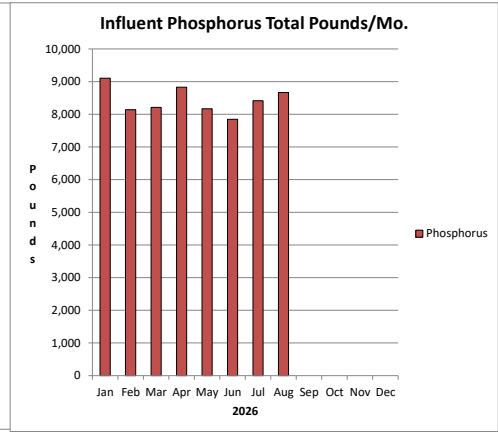
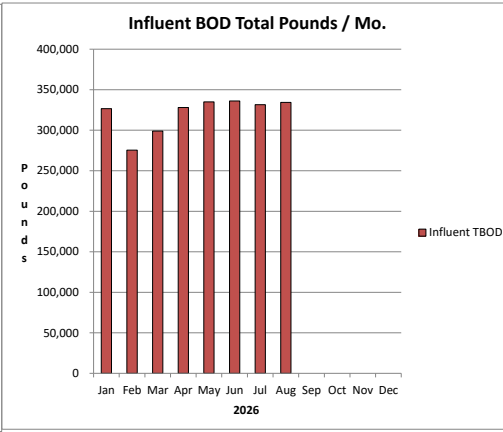
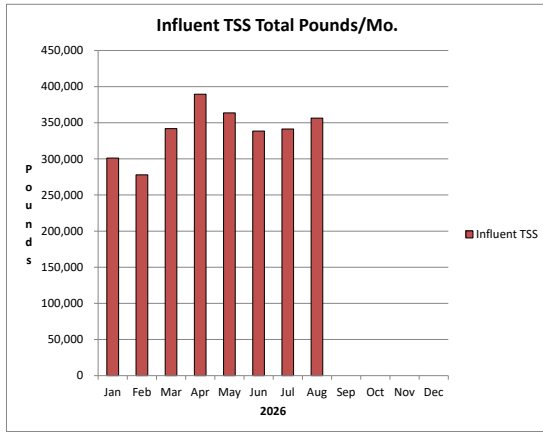
RAW INFLUENT STRENGTH (Heart of the Valley Metropolitan Sewerage Facility)

August 2026

	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE		
MONTH	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	8,212	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	217.1	7.0	202	11,807	363,536	186	10,839	335,041	4.66	272	8,169	24.5	1431	44,402	785	45,819	1,412,126
Jun	196.5	6.5	208	11,345	338,465	206	11,247	336,039	4.84	265	7,846	25.7	1403	41,911	761	41,550	1,240,121
Jul	223.5	7.2	191	11,489	341,378	191	11,508	331,535	4.67	281	8,414	23.9	1434	43,076	715	42,965	1,296,370
Aug	191.5	6.2	225	11,581	356,317	211	10,871	334,318	5.56	287	8,664	27.5	1415	43,699	762	39,236	1,211,425
Sep																	
Oct																	
Nov																	
Dec																	
Average	231.8	7.6	189	11,578	338,751	182	11,009	320,741	4.80	292	8,422	24.2	1,462	42,635	754	46,589	1,387,210
Yearly Total	1,854.8				2,710,011			2,565,931			67,378			341,078			11,097,681
*Includes Hauled Waste [Plant Design Capacity] =		8.5		13,565			12,209			339			1,600				
(Hauled Waste Gallons)÷ [Max Design Capacity] =		239,230 11.9		16,278			14,651			407			1,920				
August % of Capacity =		52%		71%			74%			70%			74%				

EFFLUENT QUALITY

{PERMIT LIMITS (WDNR)} →			Monthly (Avg)		700#	Monthly Avg		30 mg/L	Monthly Avg		31.5#	Monthly Avg Limit Jan- March 10 mg/L April-May 11 mg/L June-Sept 4.4 mg/L Oct- Dec 18 mg/L			
			Weekly (Avg)		1100#	Weekly Avg		45 mg/L	6 mo Avg		10.5#				
			Daily Max (mg/L)		30			Daily Max mg/L		1.0					
	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE
MONTH	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	148.7	4.8	4.6	182	5,632	4.8	193	5,936	0.19	7.5	233	0.32	12.7	409	788
Jun	102.3	3.4	4.9	140	4,284	5.8	165	4,871	0.22	6.3	190	0.31	8.7	278	746
Jul	111.1	3.6	5.2	157	4,468	5.9	175	5,013	0.22	6.6	195	0.19	5.8	163	703
Aug	87.9	2.8	5.8	138	4,134	5.1	122	3,694	0.40	9.5	283	0.35	8.2	238	700
Sep															
Oct															
Nov															
Dec															
Average	149.6	4.9	5.0	209	6,485	4.8	198.3	6,114	0.23	8.2	243.1	0.30	11.9	340.4	743
Yearly Total	1,196.6				51,882			48,914			1,944			2,722.8	
Effluent Gallons to Fox Energy (August)			August	Avg #'s							6 mo. Avg #'s	7.40	May-Oct		
			WEEK 1	163											
			WEEK 2	101											
			WEEK 3	111											
			WEEK 4	127											
Million Gallons															
103.58	54%														



RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: AUGUST

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	0.02	0.01	0.04	0.01	0.02
2	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00
5	0.03	0.02	0.04	0.06	0.04
6	0.00	0.00	0.01	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00
9	0.13	0.16	0.18	0.20	0.22
10	0.01	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.01	0.00
15	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.01
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.47	0.54	0.63	0.69	0.72
22	0.07	0.11	0.06	0.14	0.24
23	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00
29	0.00	0.01	0.01	0.01	0.01
30	0.00	0.00	0.00	0.00	0.01
31	0.00	0.00	0.01	0.01	0.01
TOTAL:	0.73	0.85	0.98	1.13	1.28

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

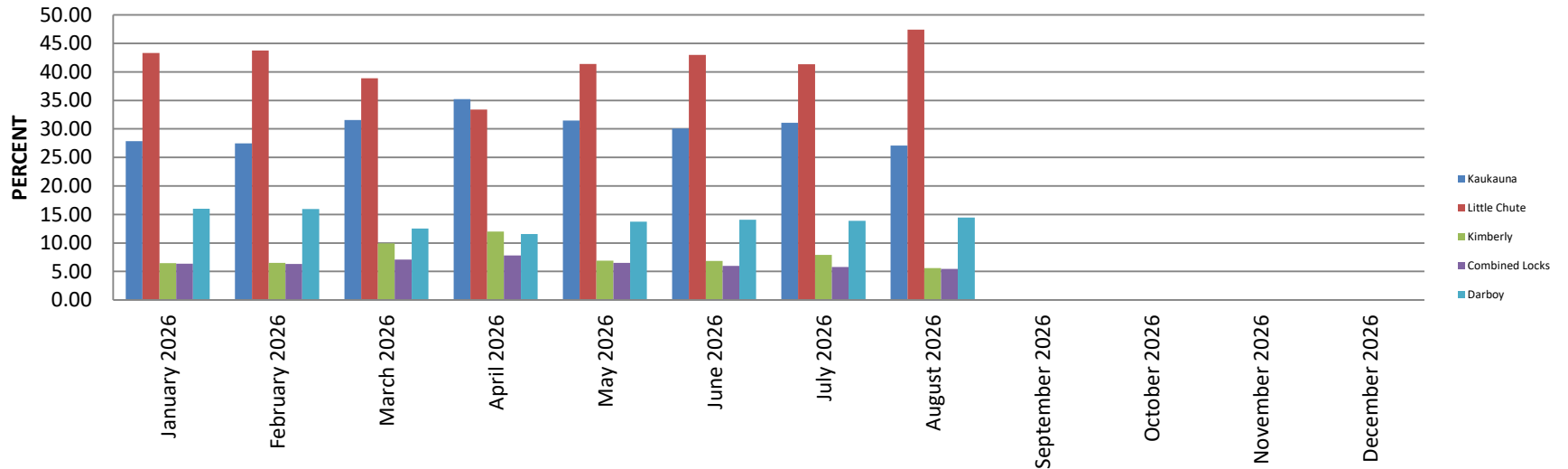
% CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<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	31.45	41.37	6.91	6.51	13.76	1.94
June 2026	30.08	43.00	6.85	5.99	14.08	2.37
July 2026	31.08	41.33	7.90	5.81	13.88	5.12
August 2026	27.07	47.40	5.61	5.47	14.45	0.99
September 2026						
October 2026						
November 2026						
December 2026						

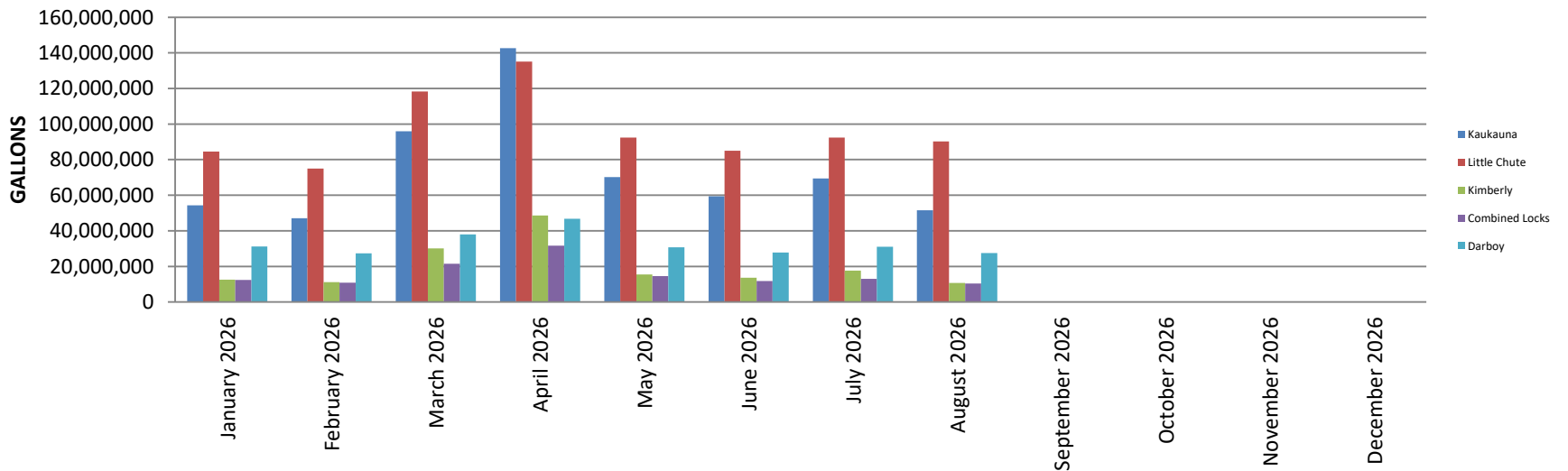
GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<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	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	70,215,700	92,348,000	15,421,000	14,536,000	30,712,000
June 2026	59,476,000	85,005,000	13,544,000	11,839,000	27,835,000
July 2026	69,438,000	92,343,000	17,651,000	12,991,000	31,018,000
August 2026	51,580,000	90,319,000	10,690,000	10,420,000	27,533,000
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

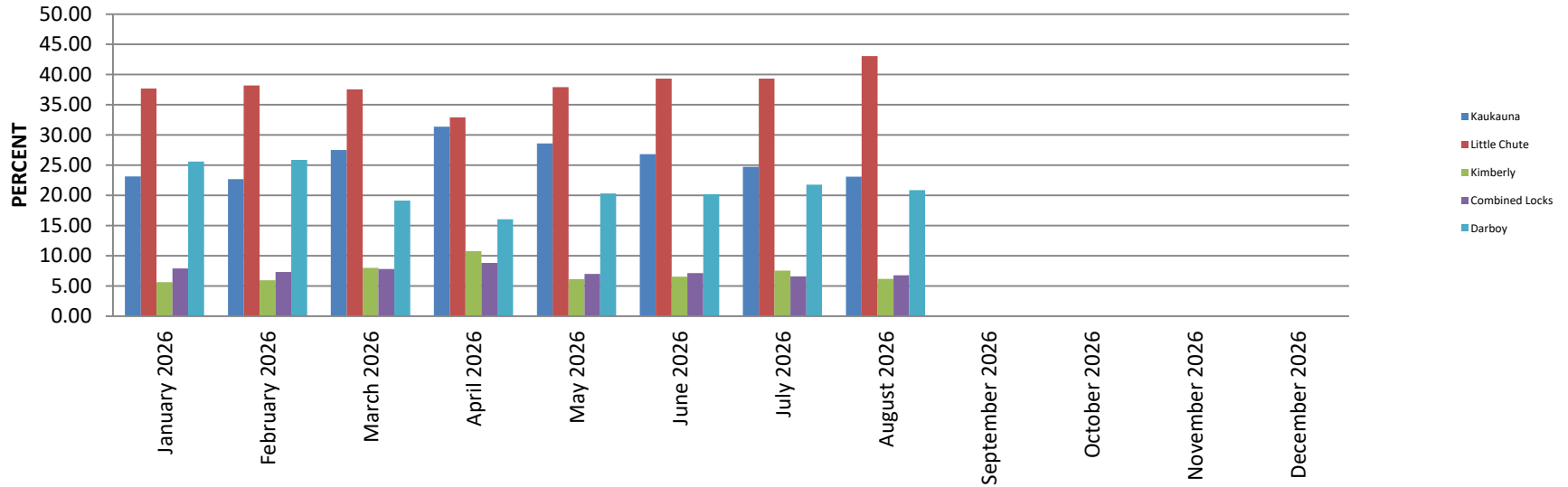
% CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<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	28.59	37.93	6.14	7.02	20.31
June 2026	26.82	39.31	6.54	7.15	20.18
July 2026	24.73	39.34	7.55	6.58	21.80
August 2026	23.10	43.08	6.19	6.77	20.86
September 2026					
October 2026					
November 2026					
December 2026					

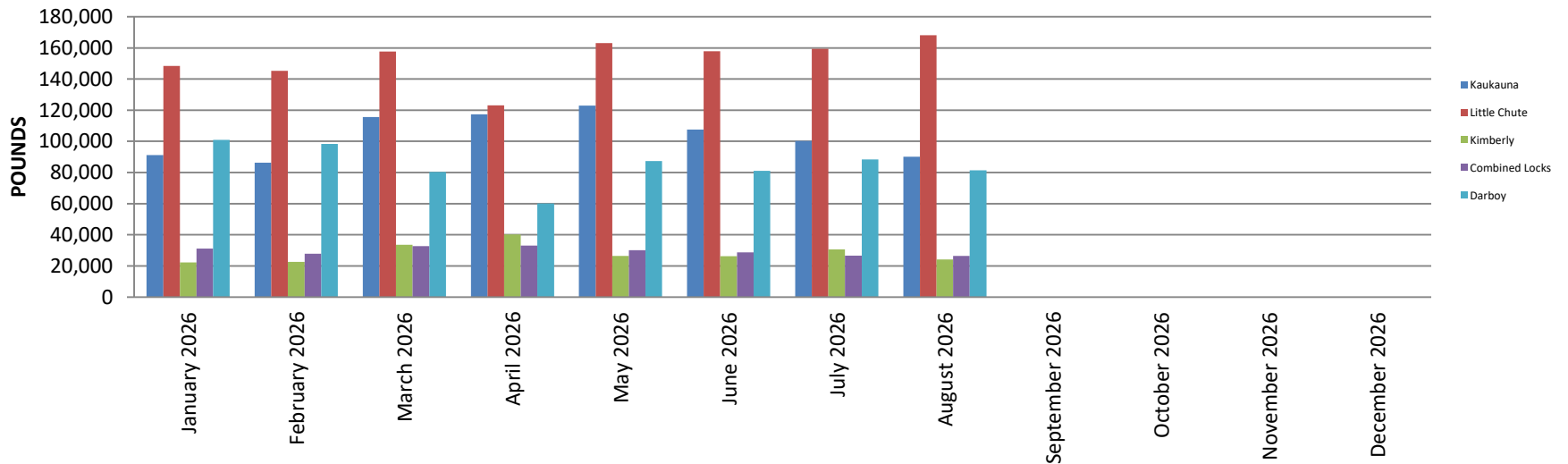
POUNDS CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<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	122,906	163,067	26,400	30,188	87,308
June 2026	107,671	157,837	26,245	28,725	81,047
July 2026	100,203	159,410	30,586	26,648	88,330
August 2026	90,176	168,149	24,164	26,431	81,409
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

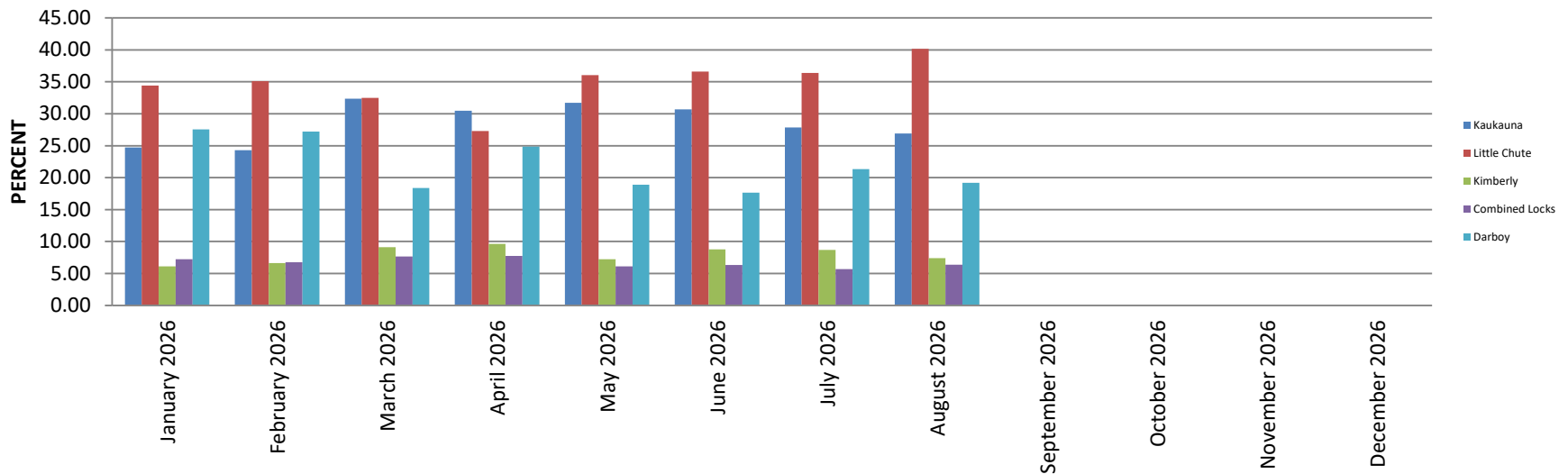
% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS

	<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	31.72	36.05	7.22	6.12	18.89
June 2026	30.69	36.60	8.76	6.32	17.63
July 2026	27.85	36.40	8.70	5.71	21.34
August 2026	26.90	40.14	7.39	6.38	19.19
September 2026					
October 2026					
November 2026					
December 2026					

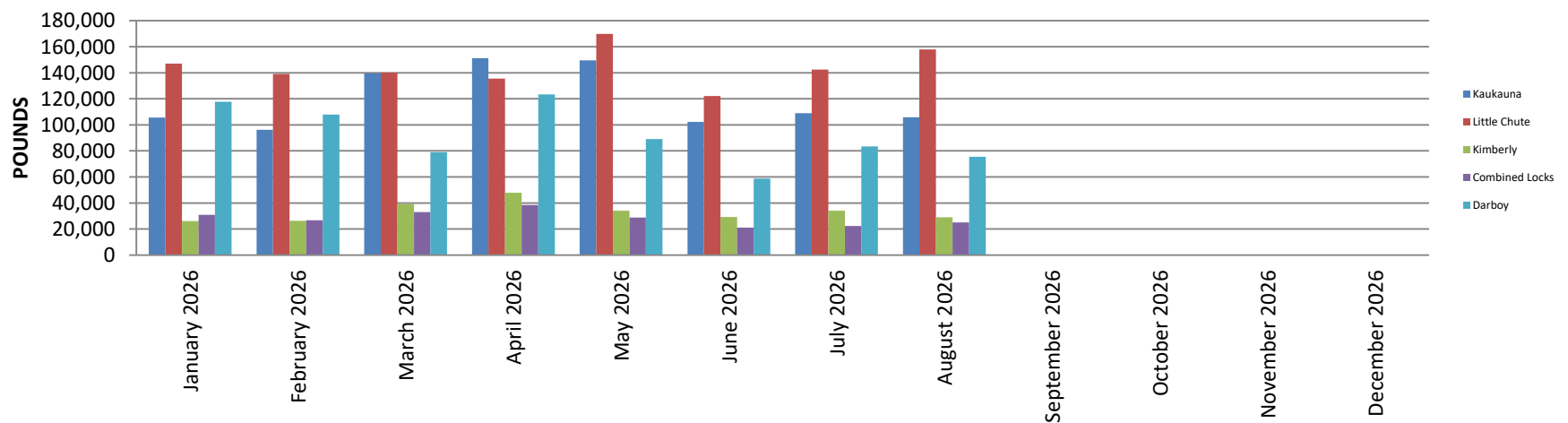
POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS

	<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	139,455	140,101	39,414	33,014	79,158
April 2026	151,305	135,497	47,903	38,376	123,358
May 2026	149,492	169,886	34,030	28,837	89,033
June 2026	102,341	122,059	29,219	21,091	58,809
July 2026	109,053	142,538	34,059	22,370	83,541
August 2026	105,781	157,854	29,049	25,106	75,473
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

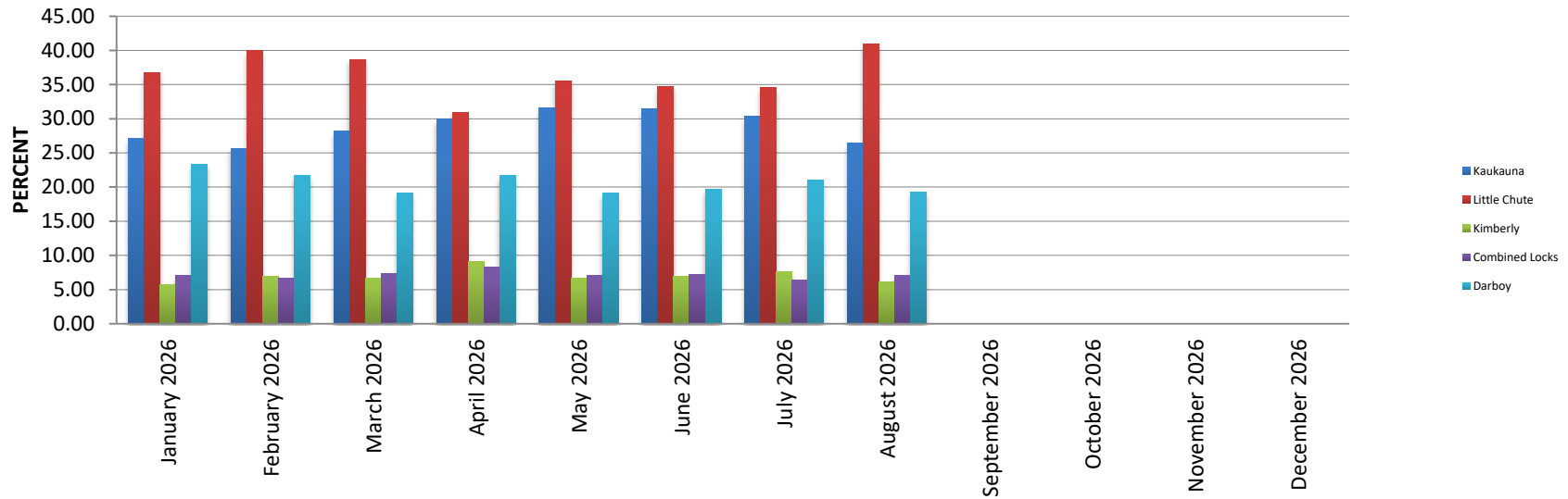
% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<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	31.61	35.54	6.65	7.10	19.10
June 2026	31.42	34.71	6.92	7.24	19.71
July 2026	30.36	34.64	7.68	6.33	20.98
August 2026	26.41	40.96	6.18	7.13	19.32
September 2026					
October 2026					
November 2026					
December 2026					

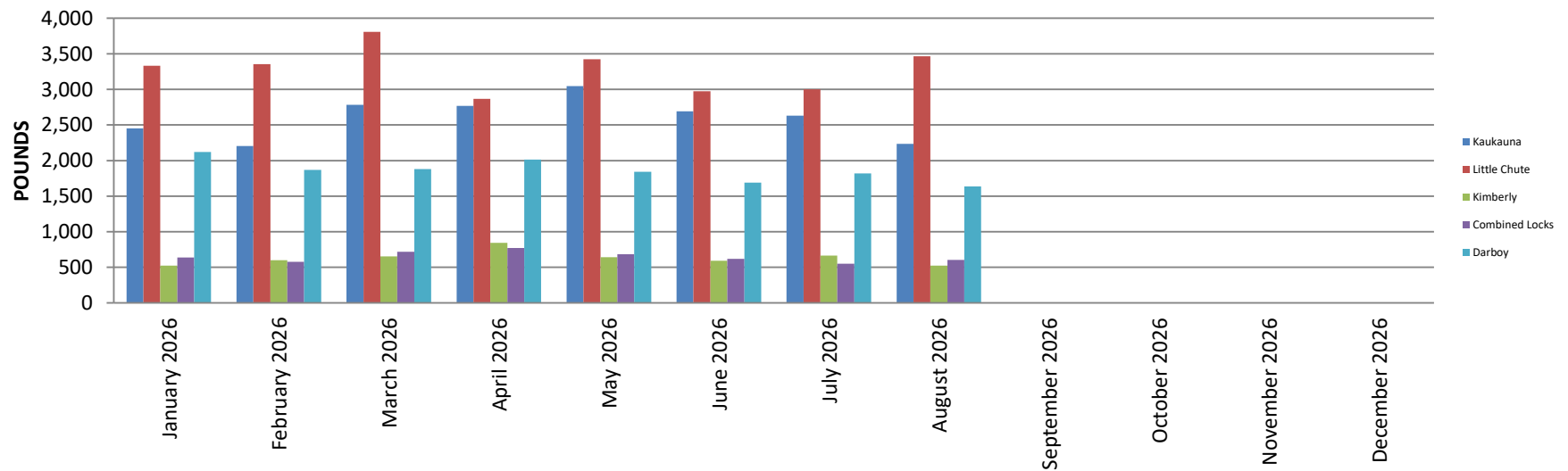
POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<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	2,783	3,809	655	719	1,879
April 2026	2,770	2,865	842	769	2,015
May 2026	3,046	3,425	641	684	1,841
June 2026	2,691	2,974	593	620	1,688
July 2026	2,631	3,002	666	549	1,818
August 2026	2,235	3,466	523	603	1,635
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

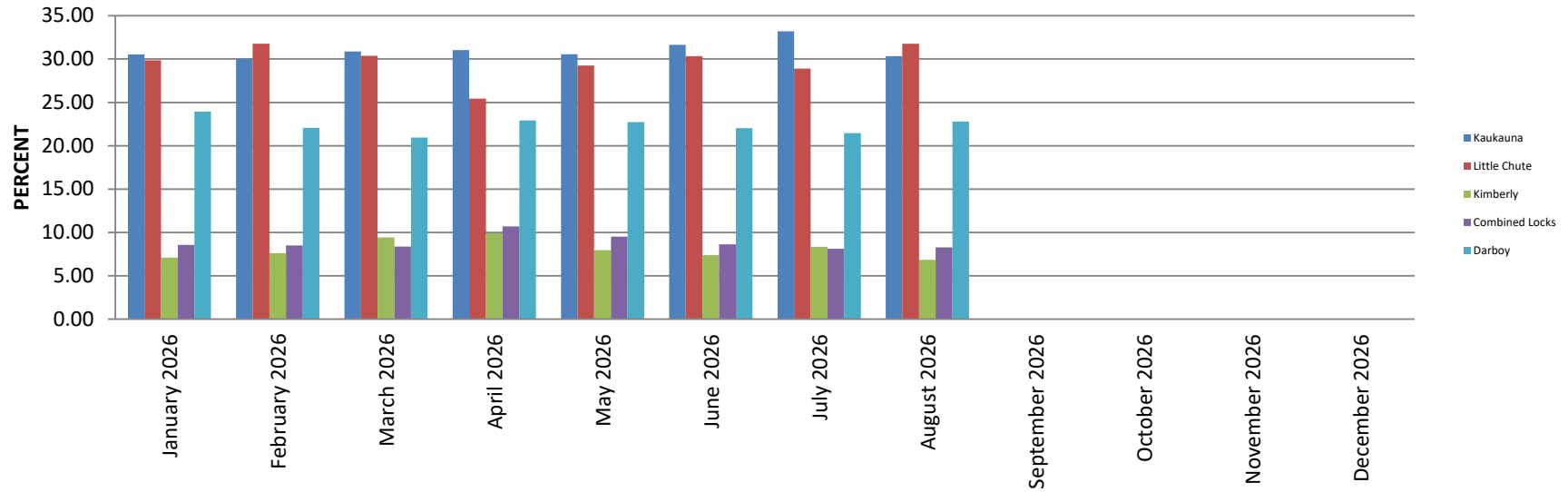
% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<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	30.55	29.25	7.97	9.53	22.71
June 2026	31.64	30.33	7.38	8.63	22.01
July 2026	33.19	28.90	8.34	8.13	21.45
August 2026	30.34	31.77	6.83	8.26	22.80
September 2026					
October 2026					
November 2026					
December 2026					

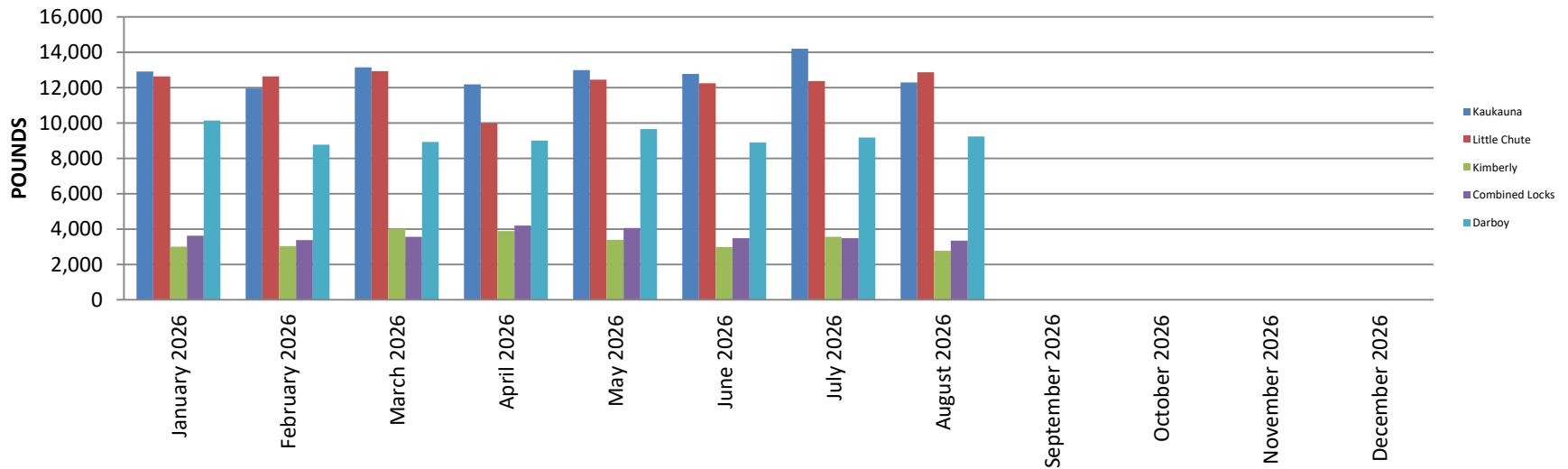
POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<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	13,148	12,926	4,006	3,566	8,919
April 2026	12,183	9,988	3,889	4,191	9,003
May 2026	12,996	12,443	3,389	4,052	9,659
June 2026	12,775	12,247	2,981	3,484	8,889
July 2026	14,206	12,370	3,568	3,479	9,179
August 2026	12,288	12,867	2,765	3,345	9,234
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

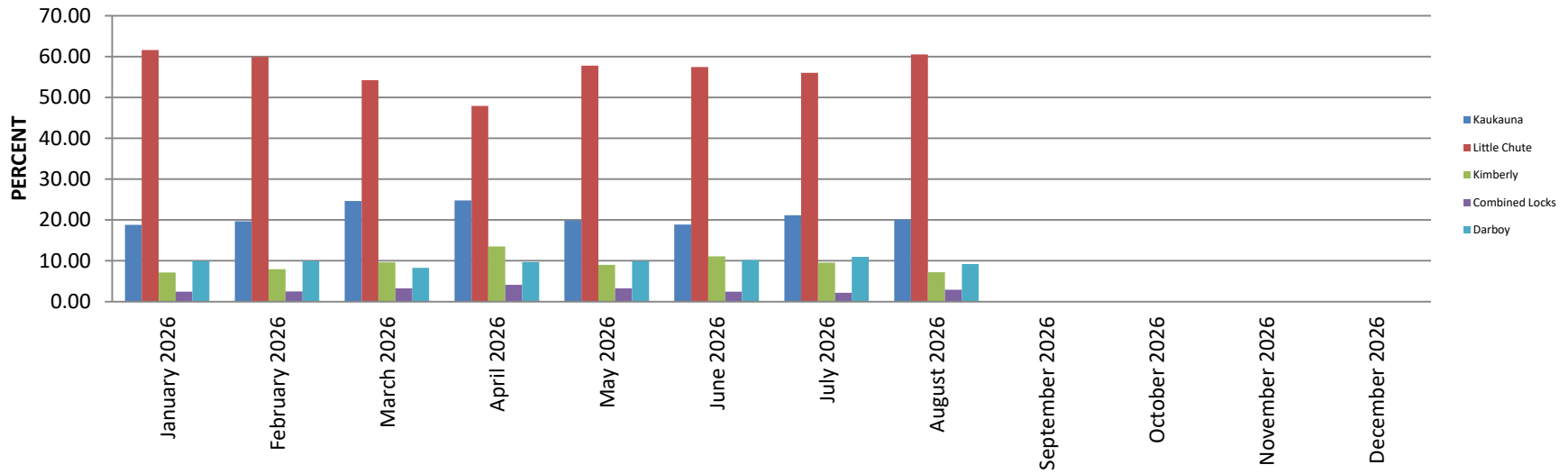
% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<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	19.92	57.81	9.02	3.29	9.96
June 2026	18.87	57.42	11.12	2.43	10.17
July 2026	21.19	56.02	9.59	2.21	10.98
August 2026	20.12	60.53	7.21	2.91	9.23
September 2026					
October 2026					
November 2026					
December 2026					

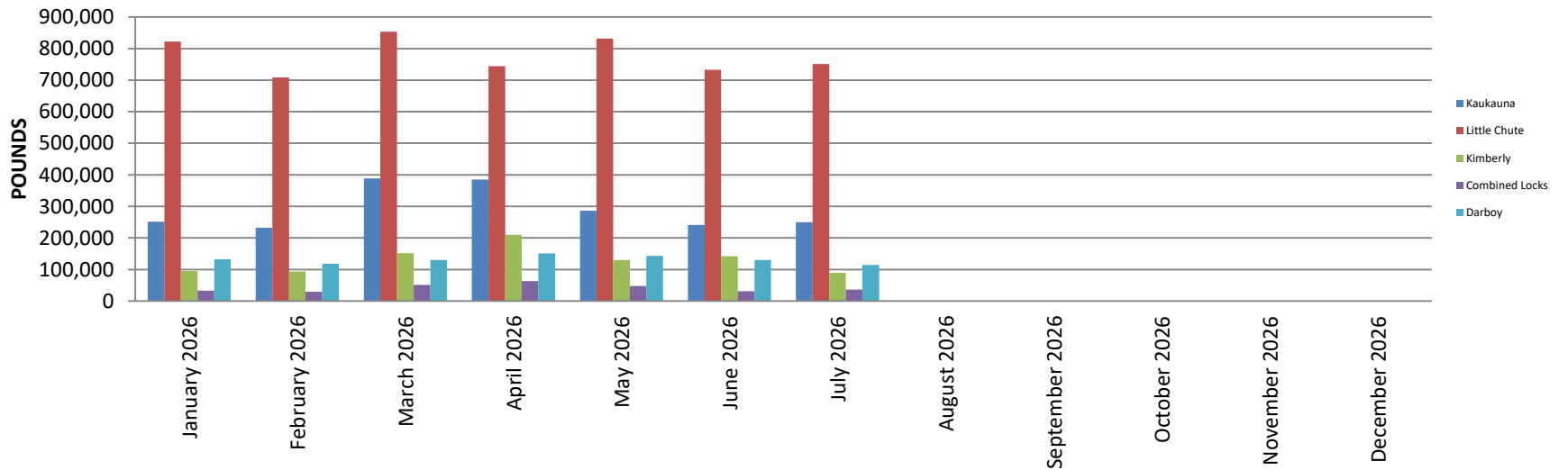
POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<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	388,111	853,653	151,463	50,927	129,963
April 2026	385,040	744,019	209,445	63,596	150,866
May 2026	286,526	831,704	129,727	47,388	143,306
June 2026	240,717	732,616	141,865	30,987	129,779
July 2026	249,559	750,687	89,382	36,107	114,512
August 2026					
September 2026					
October 2026					
November 2026					
December 2026					

% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

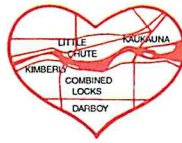


POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS



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: August

Year: 2026

Gallons of Final Effluent Purchased (Billing)

<u>Date</u>	<u>Gallons</u>	<u>Date</u>	<u>Gallons</u>
8/1/2026	3,176,000	8/21/2026	2,946,000
8/2/2026	3,450,000	8/22/2026	2,725,000
8/3/2026	3,394,000	8/23/2026	2,504,000
8/4/2026	3,814,000	8/24/2026	2,782,000
8/5/2026	3,527,000	8/25/2026	2,678,000
8/6/2026	3,560,000	8/26/2026	3,315,000
8/7/2026	3,404,000	8/27/2026	3,634,000
8/8/2026	3,422,000	8/28/2026	3,573,000
8/9/2026	3,147,000	8/29/2026	3,235,000
8/10/2026	2,393,000	8/30/2026	3,393,000
8/11/2026	3,881,000	8/31/2026	3,237,000
8/12/2026	3,528,000		
8/13/2026	3,686,000		
8/14/2026	3,875,000		
8/15/2026	3,799,000		
8/16/2026	3,789,000		
8/17/2026	3,822,000		
8/18/2026	3,465,000		
8/19/2026	3,334,000		
8/20/2026	3,093,000		
		Total:	103,581,000

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

Attn: Account # N2310E

MONTHLY BILLING

Month: August

Year: 2026

GALLONS PURCHASED: 103,581,000

BILLING RATE: \$0.1974816 PER 1000 GALLONS

TOTAL AMOUNT DUE: \$20,455.34

**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: 658,168,890

Charge Per 1000 Gallons: \$0.1974816 Per 1000 Gallons

Sale of Final Effluent (Revenue Collected): \$129,976.25