

FLOW AND STRENGTH PROJECTIONS

MONTH: September 2024

	<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)	188,189,500	177,130,000	-11,059,500	\$ 134,931.87	\$ 127,002.21	\$ (7,929.66)
B.O.D. (#s)	472,471	422,448	-50,023	\$ 83,154.90	\$ 74,350.85	\$ (8,804.05)
S. SOLIDS (#s)	434,409	434,528	119	\$ 105,561.39	\$ 105,590.30	\$ 28.92
PHOSPHORUS (#s)	8,352	7,840	-512	\$ 55,265.18	\$ 51,877.28	\$ (3,387.90)
AMMONIA-N (#s)	59,802	51,461	-8,341	\$ 65,901.80	\$ 56,710.02	\$ (9,191.78)
CHLORIDES (#s)	960,337	1,164,853	204,516	\$ 1,920.67	\$ 2,329.71	\$ 409.03
			TOTAL:	\$ 446,735.82	\$ 417,860.37	\$ (28,875.45)

(THRU SEPTEMBER 2024)

PROJECTED FOR 2024

	<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	205,909,938	\$ 147,637.43
B.O.D. (#s)	5,484,285	-158,150	\$ (27,834.39)
S. SOLIDS (#s)	4,877,973	707,876	\$ 172,013.81
PHOSPHORUS (#s)	94,940	451	\$ 2,987.05
AMMONIA-N (#s)	666,440	-48,737	\$ (53,708.17)
CHLORIDES (#s)	11,252,829	855,503	\$ 1,711.01
		TOTAL:	\$ 242,806.73

FLOW AND STRENGTH PROJECTIONS

MONTH: September 2024

	<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)	166,470,950	177,130,000	10,659,050	\$ 119,359.67	\$ 127,002.21	\$ 7,642.54
B.O.D. (#s)	423,184	422,448	-736	\$ 74,480.38	\$ 74,350.85	\$ (129.54)
S. SOLIDS (#s)	390,143	434,528	44,385	\$ 94,804.75	\$ 105,590.30	\$ 10,785.56
PHOSPHORUS (#s)	7,681	7,840	159	\$ 50,825.18	\$ 51,877.28	\$ 1,052.10
AMMONIA-N (#s)	57,869	51,461	-6,408	\$ 63,771.64	\$ 56,710.02	\$ (7,061.62)
CHLORIDES (#s)	858,463	1,164,853	306,390	\$ 1,716.93	\$ 2,329.71	\$ 612.78
	2023 Actual Data		TOTAL:	\$ 404,958.55	\$ 417,860.37	\$ 12,901.82

(THRU SEPTEMBER 2024)

PROJECTED FOR 2024

	<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	12,793,620	\$ 9,173.03
B.O.D. (#s)	5,484,285	-262,920	\$ (46,273.97)
S. SOLIDS (#s)	4,877,973	469,315	\$ 114,043.58
PHOSPHORUS (#s)	94,940	-3,032	\$ (20,063.34)
AMMONIA-N (#s)	666,440	-53,729	\$ (59,209.25)
CHLORIDES (#s)	11,252,829	201,478	\$ 402.96
		TOTAL:	\$ (1,927.00)

FLOW AND STRENGTH PROJECTIONS

MONTH: September 2024

	<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)	188,189,500	177,130,000	-11,059,500	\$ 134,931.87	\$ 127,002.21	\$ (7,929.66)
B.O.D. (#s)	423,184	422,448	-736	\$ 74,480.38	\$ 74,350.85	\$ (129.54)
S. SOLIDS (#s)	390,143	434,528	44,385	\$ 94,804.75	\$ 105,590.30	\$ 10,785.56
PHOSPHORUS (#s)	7,681	7,840	159	\$ 50,825.18	\$ 51,877.28	\$ 1,052.10
AMMONIA-N (#s)	57,869	51,461	-6,408	\$ 63,771.64	\$ 56,710.02	\$ (7,061.62)
CHLORIDES (#s)	858,463	1,164,853	306,390	\$ 1,716.93	\$ 2,329.71	\$ 612.78
	3 yr avg flow		TOTAL:	\$ 420,530.75	\$ 417,860.37	\$ (2,670.38)
	2023 Actual pounds					

(THRU SEPTEMBER 2024)

PROJECTED FOR 2024

	<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	205,909,938	\$ 147,637.43
B.O.D. (#s)	5,484,285	-262,920	\$ (46,273.97)
S. SOLIDS (#s)	4,877,973	469,315	\$ 114,043.58
PHOSPHORUS (#s)	94,940	-3,032	\$ (20,063.34)
AMMONIA-N (#s)	666,440	-53,729	\$ (59,209.25)
CHLORIDES (#s)	11,252,829	201,478	\$ 402.96
		TOTAL:	\$ 136,537.40

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

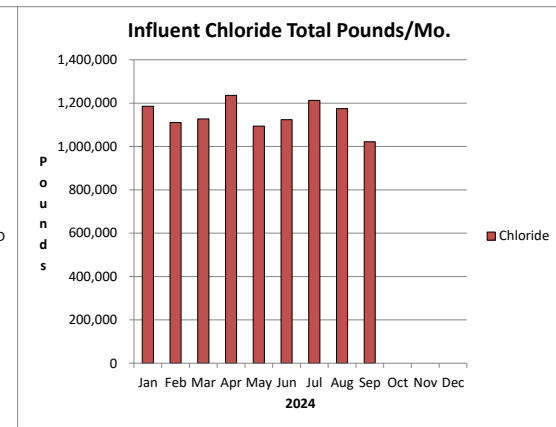
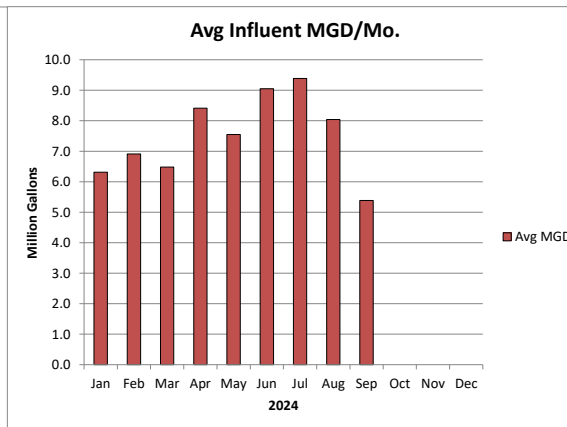
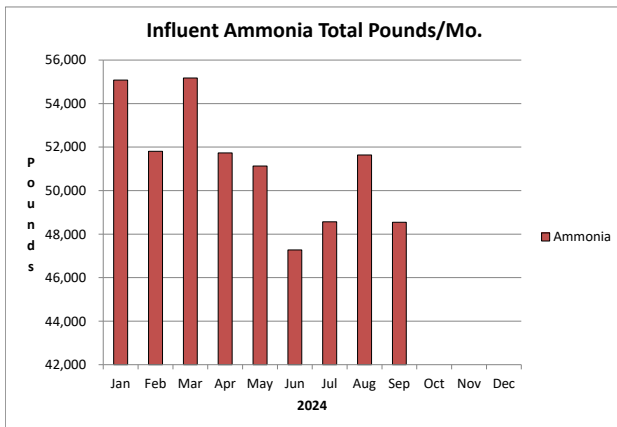
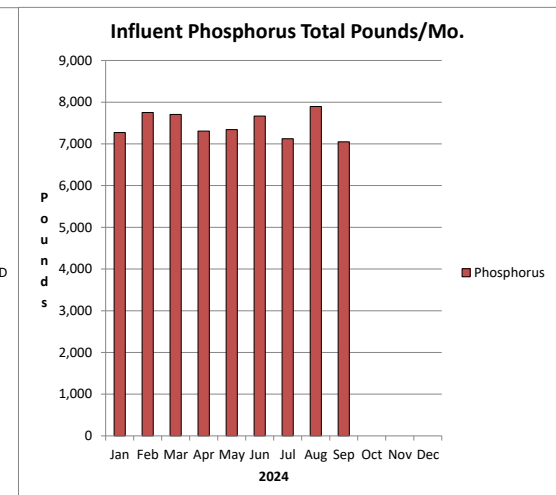
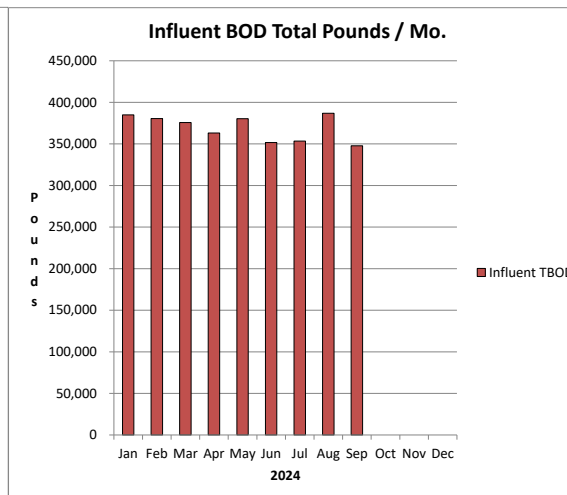
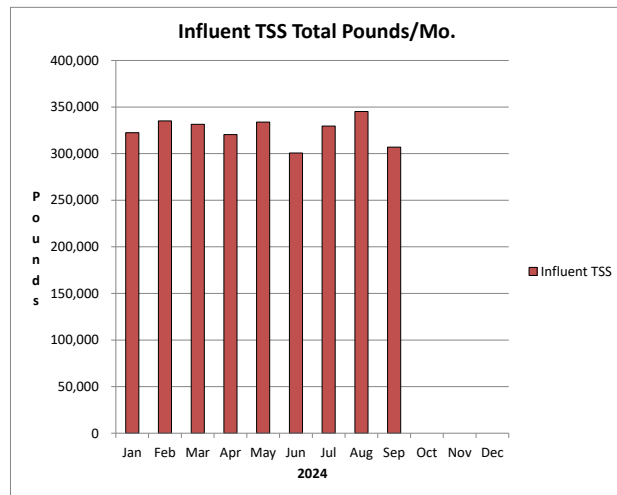
September 2024

	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE		
	Million *	Avg	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total
MONTH	Gallons	MGD	mg/L	#/day	# /Month	mg/L	#/day	# Month	mg/L	#/day	# Month	mg/L	#/day	# Month	mg/L	#/day	# Month
Jan	195.7	6.3	200	10,529	322,474	239	12,606	384,941	4.62	243	7,271	35.0	1841	55,081	735	38,714	1,185,582
Feb	200.5	6.9	203	11,712	335,199	231	13,306	380,481	4.81	277	7,753	31.5	1815	51,806	671	38,668	1,110,798
Mar	201.0	6.5	202	10,905	331,561	230	12,440	375,775	4.69	253	7,706	33.5	1811	55,173	683	36,936	1,126,901
Apr	252.4	8.4	164	11,479	320,482	185	12,958	363,130	3.68	258	7,309	26.0	1827	51,734	612	42,964	1,235,989
May	233.9	7.5	175	11,028	333,803	200	12,578	380,309	3.95	249	7,343	27.1	1708	51,132	598	37,655	1,093,982
Jun	271.5	9.1	144	10,869	300,719	169	12,757	351,636	3.59	271	7,666	22.6	1704	47,274	515	38,842	1,123,849
Jul	290.9	9.4	145	11,388	329,615	161	12,588	353,460	3.33	260	7,124	21.0	1642	48,564	522	40,883	1,212,590
Aug	249.3	8.0	172	11,526	345,199	192	12,890	386,875	3.91	263	7,898	25.0	1677	51,636	572	38,381	1,174,503
Sep	161.6	5.4	229	10,296	307,005	260	11,668	347,786	5.32	239	7,050	36.2	1628	48,543	766	34,418	1,022,016
Oct																	
Nov																	
Dec																	
Average	228.5	7.5	182	11,081	325,117	207	12,644	369,377	4.21	257	7,458	28.7	1,739	51,216	631	38,607	1,142,912
Yearly Total	2,056.8				2,926,057			3,324,392			67,120			460,943			10,286,210
*Includes Hauled Waste [Plant Design Capacity] =		8.5		13,565			12,209			339			1,600				
(Hauled Waste Gallons)= 236,890																	
[Max Design Capacity] =		11.9		16,278			14,651			407			1,920				
September % of Capacity		45%		63%			80%			59%			85%				

September Max Daily Flow 6.82

EFFLUENT QUALITY

															Monthly Avg Limit		
															Jan- Mar		10 mg/L
															April-May		11 mg/L
															June-Sept		4.4 mg/L
															Oct- Dec		18 mg/L
{PERMIT LIMITS (WDNR) →			Monthly (Avg)			801#	Monthly Avg			30 mg/L	Monthly Avg			31.5#			
			Weekly (Avg)			1345#	Weekly Avg			45 mg/L	6 mo Avg			10.5#			
			Daily Max (mg/L)			30	WLA May-Oct				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	109.3	3.5	11.8	346	10,416	10.3	304	9,284	0.40	11.9	357	0.38	11.3	329	755		
Feb	115.5	4.0	6.8	225	6,461	6.1	203	5,842	0.26	8.5	236	0.19	6.3	158	672		
Mar	111.9	3.6	7.2	217	6,567	5.9	177	5,383	0.28	8.5	255	0.24	7.2	189	700		
Apr	189.5	6.3	6.9	365	11,440	5.4	285	8,512	0.25	13.1	384	0.20	10.5	294	583		
May	131.7	4.2	9.0	319	10,633	7.6	268	8,763	0.46	16.2	487	0.41	14.4	486	586		
Jun	177.3	5.9	6.7	330	9,565	5.6	278	8,088	0.21	10.5	307	0.27	13.4	309	498		
Jul	189.4	6.1	5.0	257	7,682	5.2	266	8,278	0.16	8.2	249	0.21	10.9	380	522		
Aug	146.6	4.7	6.3	249	7,560	4.2	166	4,991	0.16	6.3	198	0.17	6.8	204	557		
Sep	67.9	2.3	11.3	214	6,260	6.7	127	3,714	0.22	4.1	120	0.47	8.8	380	775		
Oct																	
Nov																	
Dec																	
Average	137.7	4.5	7.9	280	8,510	6.3	230.4	6,984	0.27	9.7	288.0	0.28	10.0	303.3	628		
Yearly Total	1,239.1				76,586			62,855			2,592			2,729.6			
			September	Avg #'s					6 mo. Avg #'s	8.89	May-Oct						
			WEEK 1	224													
			WEEK 2	205													
			WEEK 3	138													
			WEEK 4	200													
Effluent Gallons to Fox Energy (September)																	
93.70		58%															



RAIN GAUGES

DAILY RAINFALL TOTALS

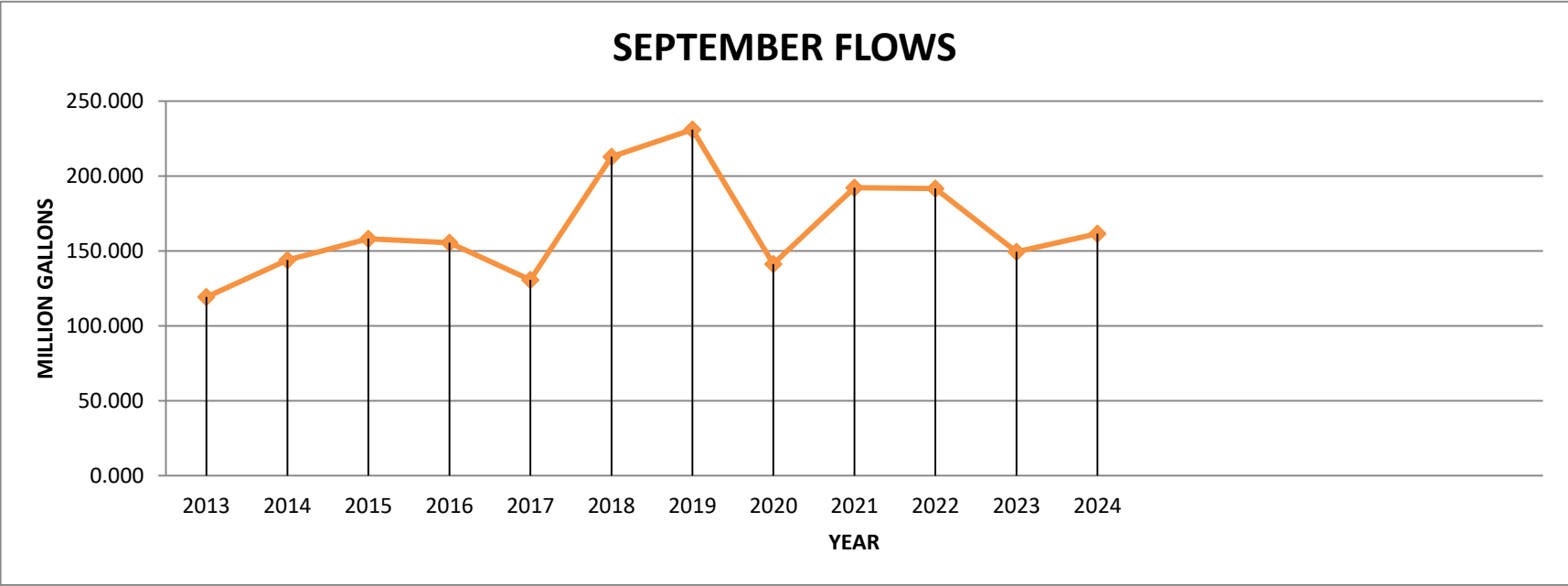
MONTH: SEPTEMBER

YEAR: 2023

<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	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	0.14	0.13	0.13	0.13	0.16
6	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00
10	0.00	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	0.00	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	0.00
19	0.00	0.00	0.00	0.00	0.00
20	0.10	0.08	0.09	0.10	0.11
21	0.31	0.34	0.39	0.40	0.55
22	0.33	0.33	0.40	0.43	0.62
23	0.00	0.00	0.00	0.00	0.01
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	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00
TOTAL:	0.88	0.88	1.01	1.06	1.45

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

<u>Year</u>	<u>September Flow</u> <u>Million Gallons</u>	<u>Precipitation</u> <u>Inches</u>
2013	119.210	2.31
2014	143.973	2.74
2015	158.179	5.17
2016	155.377	4.57
2017	130.601	1.95
2018	212.799	4.70
2019	231.033	7.29
2020	141.266	2.01
2021	192.127	0.85
2022	191.682	2.88
2023	149.417	0.58
2024	161.595	1.06

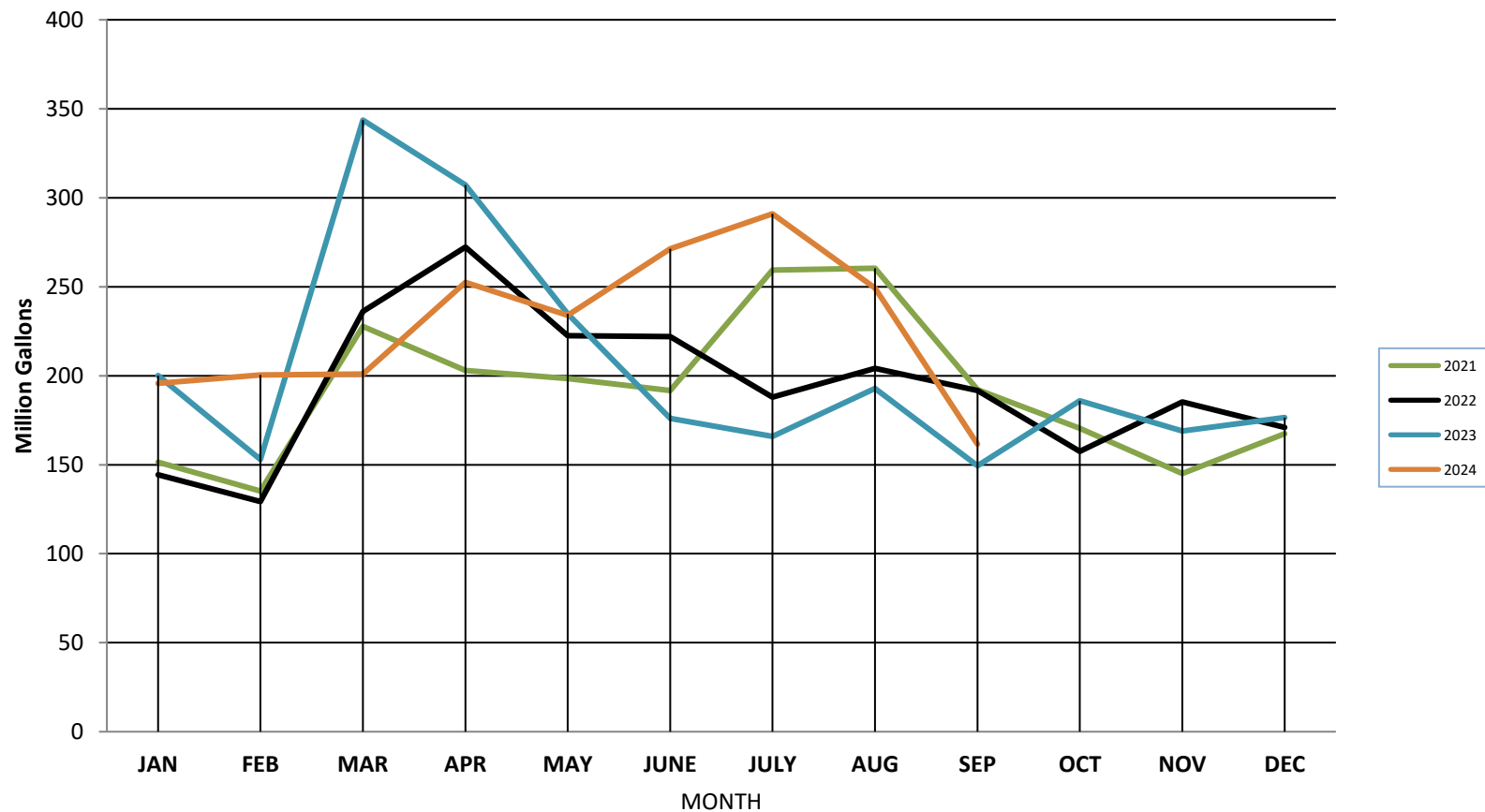


HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>	<u>MAY</u>	<u>JUNE</u>	<u>JULY</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>
2021	151.398	135.210	227.688	202.920	198.367	191.728	259.337	260.418	192.127	170.491	145.014	167.477
2022	144.333	129.312	236.184	272.294	222.500	222.064	187.964	204.237	191.682	157.552	185.294	171.044
2023	200.088	152.933	343.638	307.249	234.764	176.104	165.991	192.923	149.417	186.008	168.941	176.546
2024	195.683	200.450	200.988	252.403	233.924	271.340	290.988	249.275	161.595			

*** FLOW VOLUMES REPORTED IN MILLION GALLONS ***

PLANT MONTHLY FLOW VOLUMES



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

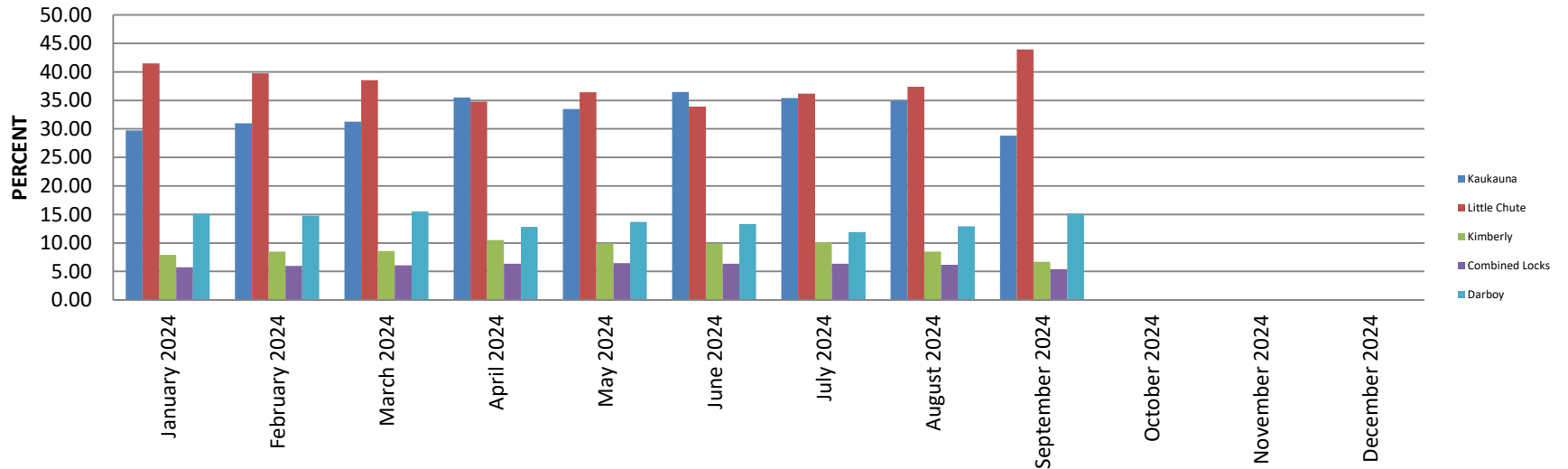
% CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>	<u>Rainfall - Inches</u>
January 2024	29.74	41.48	7.91	5.75	15.12	0.33
February 2024	30.97	39.76	8.51	5.97	14.79	0.00
March 2024	31.29	38.56	8.58	6.06	15.51	1.52
April 2024	35.52	34.77	10.52	6.35	12.84	1.96
May 2024	33.50	36.42	9.92	6.48	13.68	4.03
June 2024	36.47	33.94	9.90	6.39	13.31	6.21
July 2024	35.44	36.17	10.12	6.38	11.90	5.21
August 2024	35.00	37.39	8.50	6.18	12.94	5.08
September 2024	28.80	43.96	6.69	5.42	15.13	1.06
October 2024						
November 2024						
December 2024						

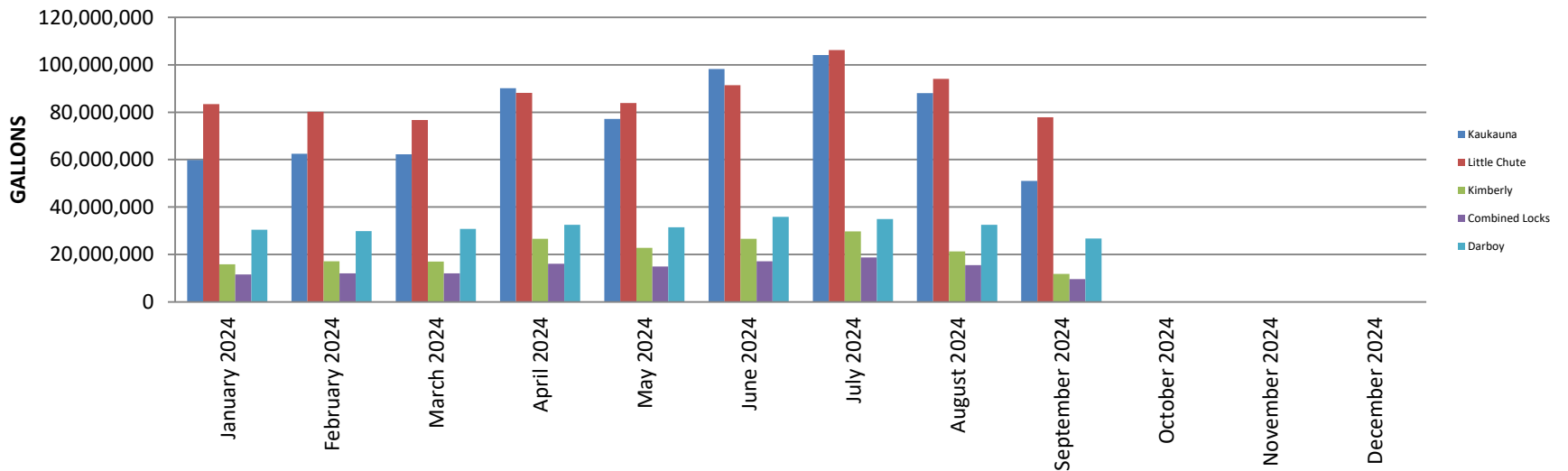
GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	59,813,000	83,430,000	15,903,000	11,559,000	30,420,000
February 2024	62,480,000	80,209,000	17,170,000	12,044,000	29,837,000
March 2024	62,249,000	76,725,000	17,070,000	12,059,000	30,853,000
April 2024	90,073,000	88,164,000	26,675,000	16,108,000	32,548,000
May 2024	77,197,000	83,918,000	22,869,000	14,921,000	31,528,000
June 2024	98,233,270	91,405,000	26,671,000	17,198,000	35,837,000
July 2024	104,072,000	106,215,000	29,735,000	18,733,000	34,936,000
August 2024	88,026,500	94,033,000	21,366,000	15,549,000	32,538,000
September 2024	51,010,000	77,873,000	11,853,000	9,597,000	26,797,000
October 2024					
November 2024					
December 2024					

% CONTRIBUTION BY COMMUNITY - FLOW GALLONS



GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

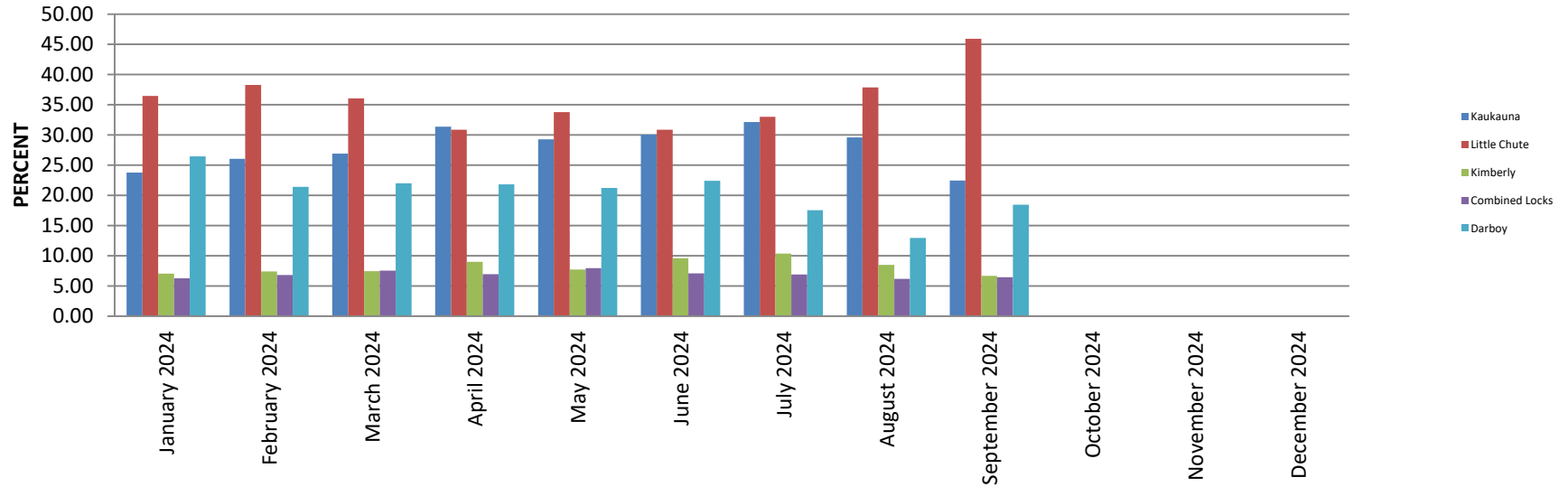
% CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	23.76	36.48	7.04	6.25	26.46
February 2024	26.06	38.29	7.39	6.83	21.43
March 2024	26.92	36.06	7.47	7.53	22.02
April 2024	31.37	30.86	8.98	6.94	21.84
May 2024	29.27	33.80	7.74	7.97	21.22
June 2024	30.07	30.85	9.58	7.08	22.42
July 2024	32.15	33.02	10.37	6.89	17.57
August 2024	29.62	37.88	8.50	6.18	12.94
September 2024	22.46	45.94	6.67	6.44	18.48
October 2024					
November 2024					
December 2024					

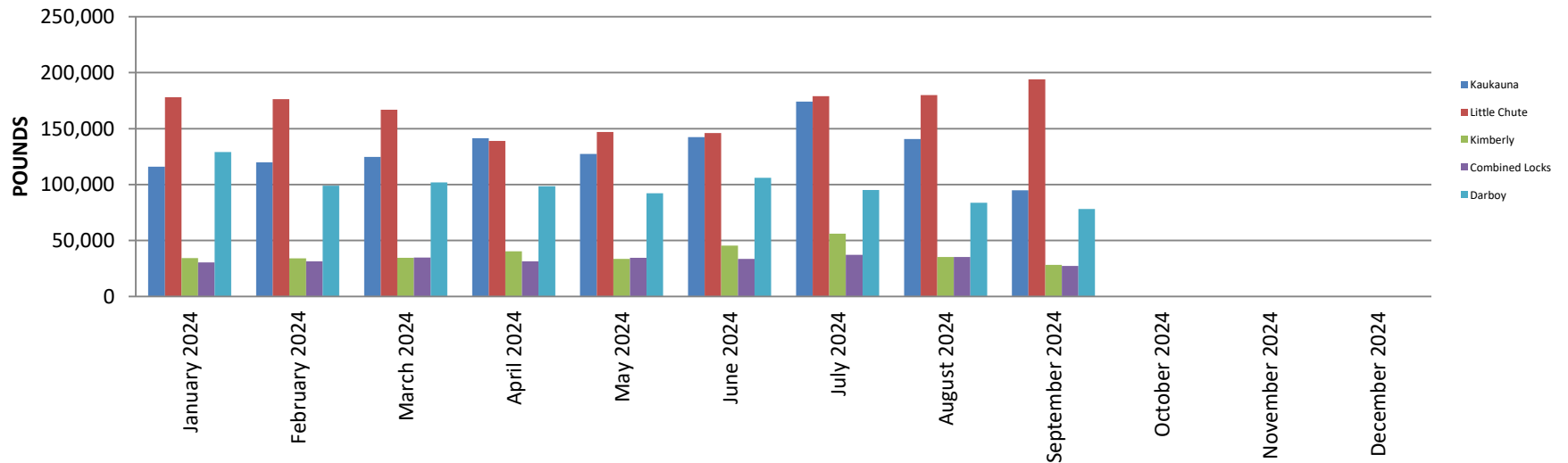
POUNDS CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	115,891	177,911	34,328	30,479	129,046
February 2024	119,969	176,269	33,996	31,432	98,956
March 2024	124,658	166,986	34,573	34,879	101,944
April 2024	141,415	139,090	40,495	31,302	98,456
May 2024	127,316	147,045	33,679	34,670	92,299
June 2024	142,382	146,075	45,348	33,498	106,149
July 2024	174,196	178,935	56,222	37,347	95,200
August 2024	140,679	179,871	35,186	35,398	83,771
September 2024	94,898	194,089	28,167	27,224	78,070
October 2024					
November 2024					
December 2024					

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



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



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

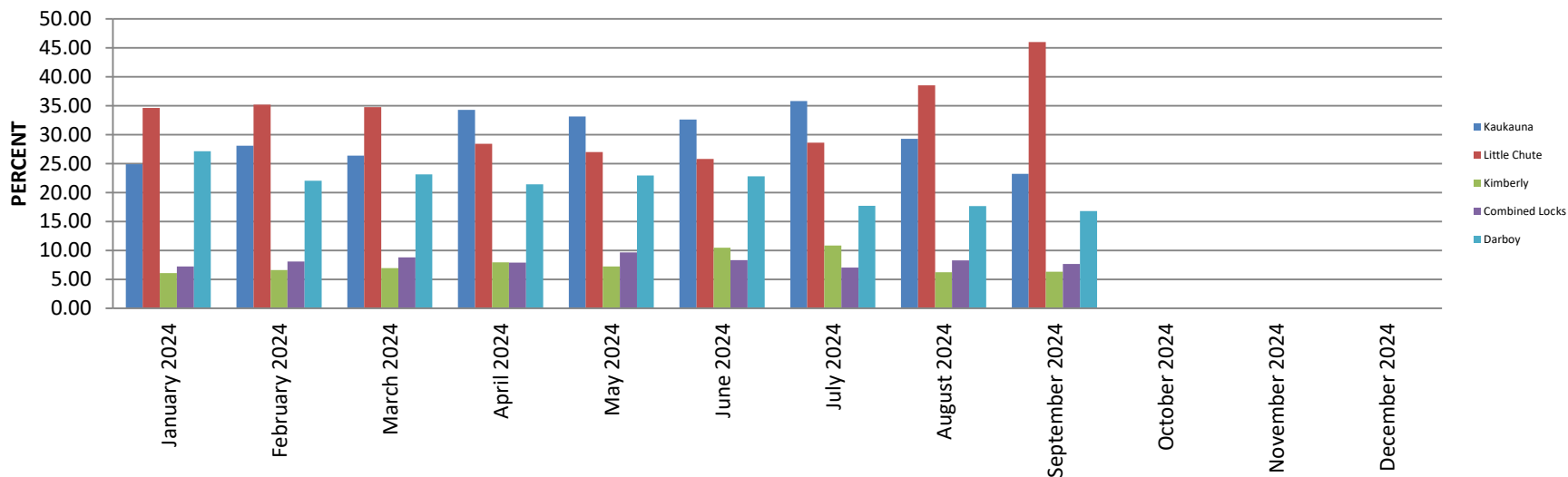
% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	24.91	34.61	6.10	7.22	27.16
February 2024	28.10	35.17	6.61	8.09	22.04
March 2024	26.37	34.78	6.94	8.79	23.13
April 2024	34.30	28.44	7.92	7.91	21.42
May 2024	33.14	27.00	7.25	9.68	22.93
June 2024	32.62	25.78	10.45	8.34	22.81
July 2024	35.80	28.61	10.83	7.05	17.71
August 2024	29.28	38.54	6.23	8.30	17.65
September 2024	23.21	46.02	6.31	7.67	16.79
October 2024					
November 2024					
December 2024					

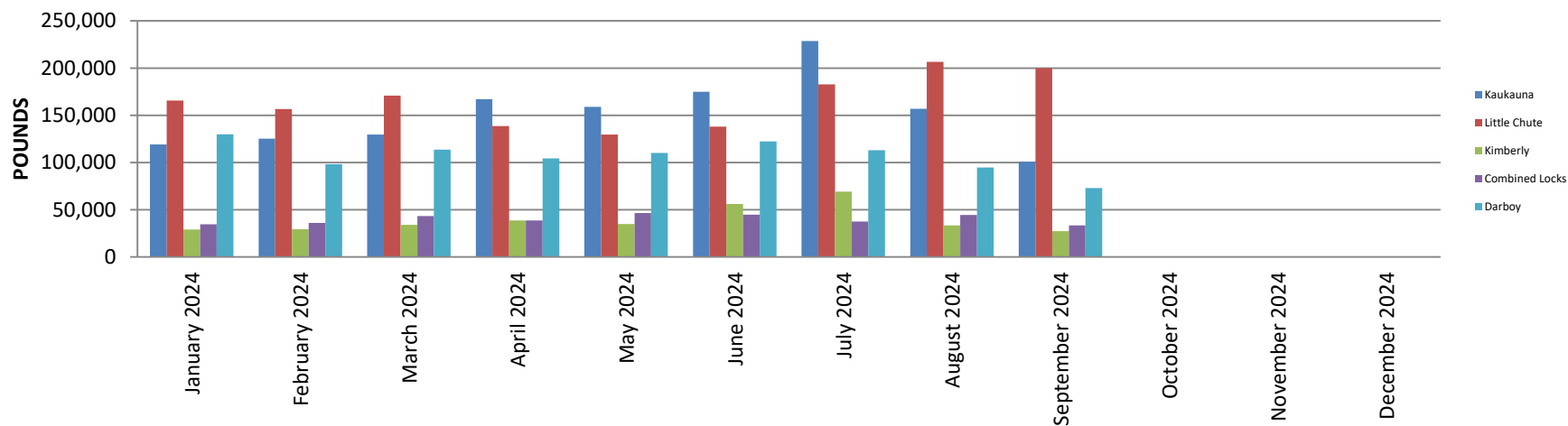
POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	119,098	165,485	29,174	34,528	129,868
February 2024	125,113	156,619	29,429	36,012	98,126
March 2024	129,532	170,834	34,081	43,191	113,610
April 2024	167,079	138,521	38,591	38,539	104,328
May 2024	158,970	129,496	34,773	46,413	110,010
June 2024	174,777	138,106	55,991	44,667	122,195
July 2024	228,585	182,655	69,167	37,347	113,065
August 2024	156,916	206,593	33,370	44,502	94,601
September 2024	100,842	199,972	27,434	33,307	72,973
October 2024					
November 2024					
December 2024					

% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS



POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

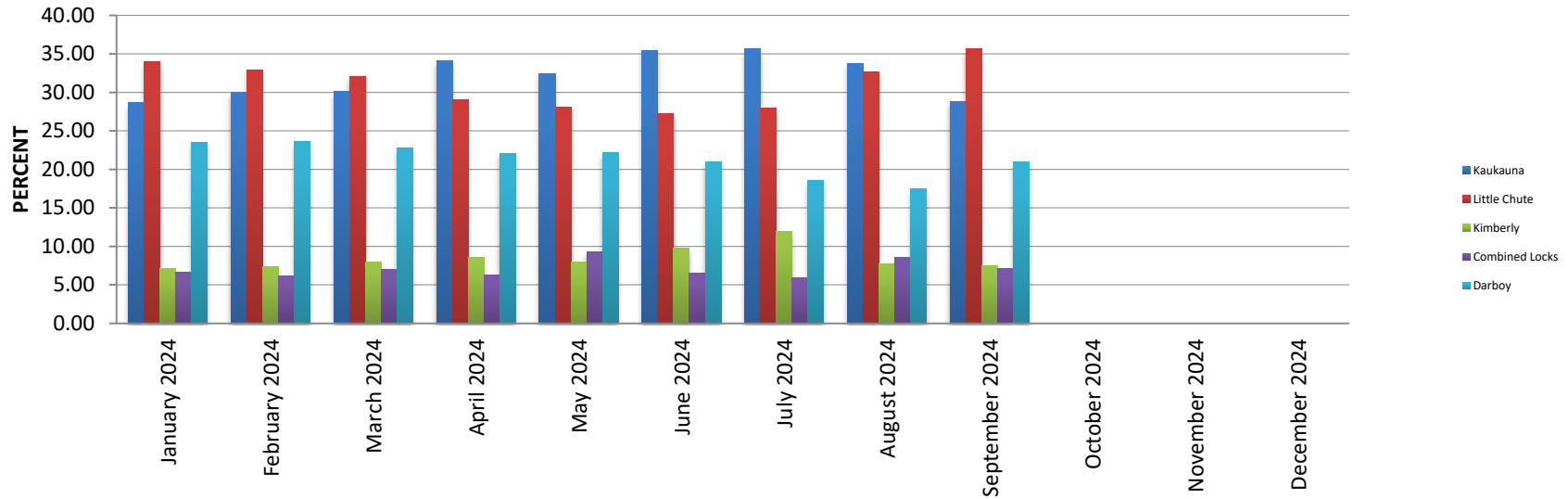
% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	28.68	33.99	7.16	6.63	23.53
February 2024	29.98	32.88	7.36	6.19	23.58
March 2024	30.19	32.08	7.96	7.01	22.75
April 2024	34.06	29.07	8.55	6.27	22.05
May 2024	32.45	28.08	7.92	9.31	22.24
June 2024	35.48	27.27	9.77	6.52	20.95
July 2024	35.62	28.02	11.96	5.89	18.52
August 2024	33.73	32.63	7.69	8.52	17.43
September 2024	28.79	35.62	7.52	7.08	21.00
October 2024					
November 2024					
December 2024					

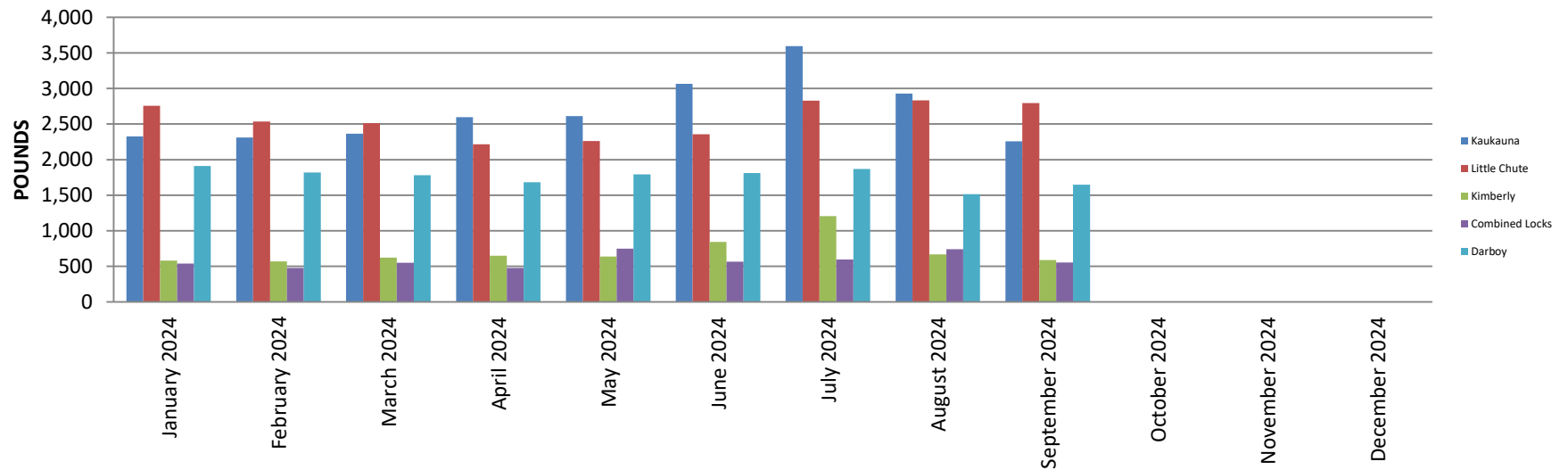
POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	2,326	2,757	581	538	1,909
February 2024	2,312	2,537	568	478	1,819
March 2024	2,365	2,513	624	549	1,782
April 2024	2,596	2,216	651	478	1,681
May 2024	2,613	2,260	638	749	1,791
June 2024	3,065	2,356	844	564	1,810
July 2024	3,595	2,828	1,207	595	1,869
August 2024	2,928	2,833	668	740	1,513
September 2024	2,257	2,793	589	555	1,646
October 2024					
November 2024					
December 2024					

% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS



POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

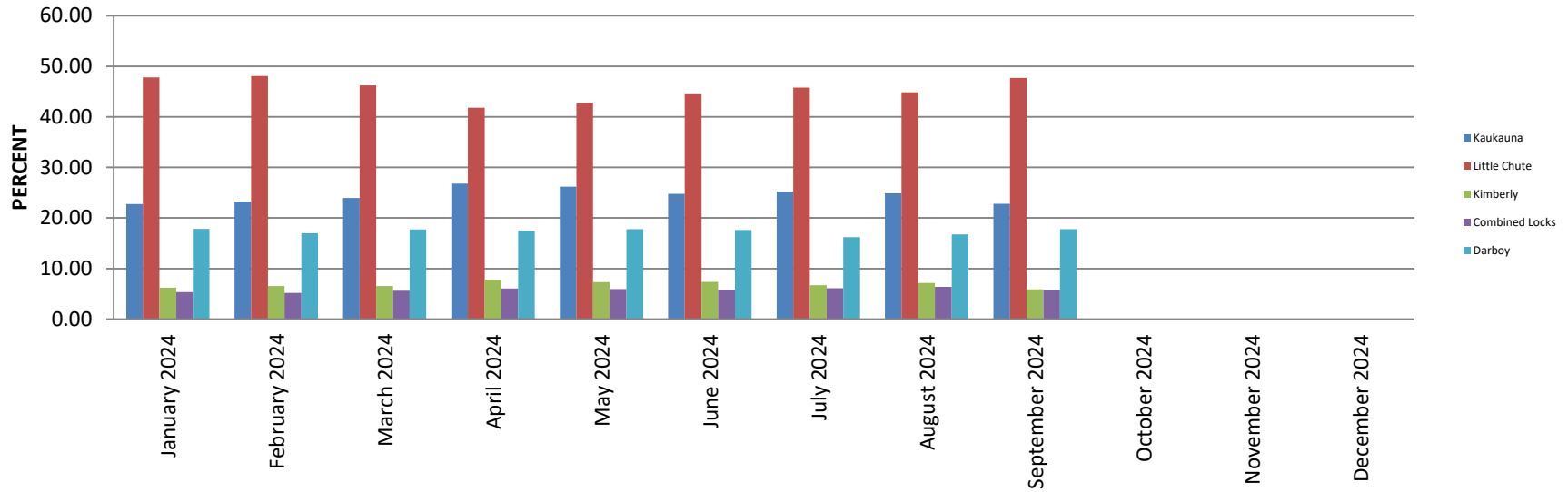
% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	22.77	47.81	6.21	5.34	17.86
February 2024	23.23	48.08	6.54	5.16	16.99
March 2024	23.94	46.19	6.55	5.59	17.73
April 2024	26.80	41.82	7.82	6.07	17.48
May 2024	26.20	42.79	7.29	5.96	17.76
June 2024	24.77	44.45	7.38	5.77	17.64
July 2024	25.19	45.79	6.71	6.11	16.20
August 2024	24.88	44.83	7.14	6.38	16.77
September 2024	22.81	47.68	5.91	5.79	17.81
October 2024					
November 2024					
December 2024					

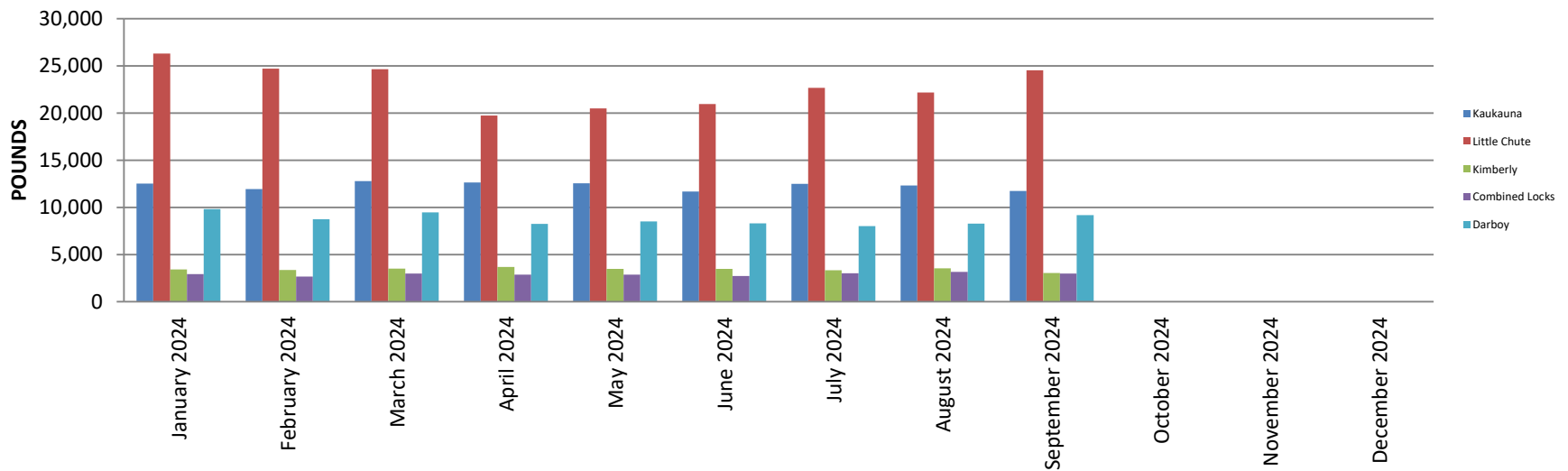
POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	12,531	26,308	3,416	2,938	9,829
February 2024	11,934	24,700	3,359	2,651	8,729
March 2024	12,778	24,649	3,493	2,986	9,462
April 2024	12,649	19,739	3,688	2,867	8,251
May 2024	12,536	20,477	3,488	2,854	8,499
June 2024	11,673	20,947	3,479	2,718	8,311
July 2024	12,481	22,684	3,324	3,026	8,025
August 2024	12,303	22,165	3,531	3,154	8,289
September 2024	11,738	24,538	3,042	2,979	9,165
October 2024					
November 2024					
December 2024					

% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS



POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

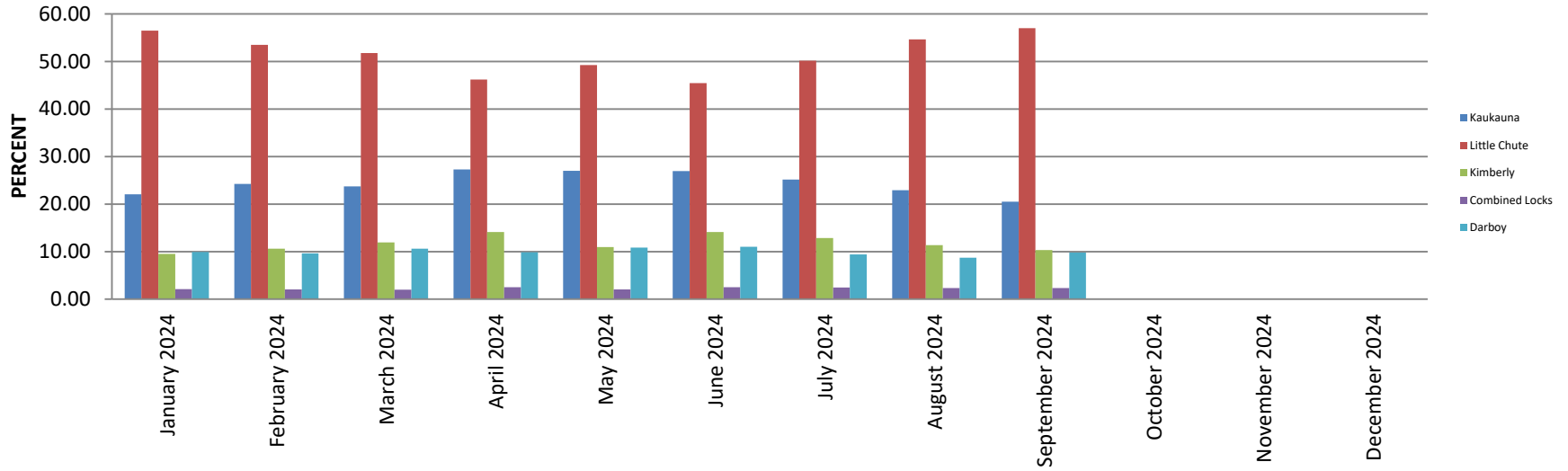
% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	22.06	56.47	9.49	2.08	9.91
February 2024	24.24	53.51	10.63	2.02	9.61
March 2024	23.70	51.77	11.92	2.00	10.61
April 2024	27.30	46.17	14.13	2.51	9.89
May 2024	26.98	49.21	10.94	2.02	10.84
June 2024	26.94	45.42	14.10	2.52	11.03
July 2024	25.13	50.15	12.88	2.42	9.42
August 2024	22.93	54.65	11.37	2.33	8.73
September 2024	20.52	57.01	10.31	2.33	9.83
October 2024					
November 2024					
December 2024					

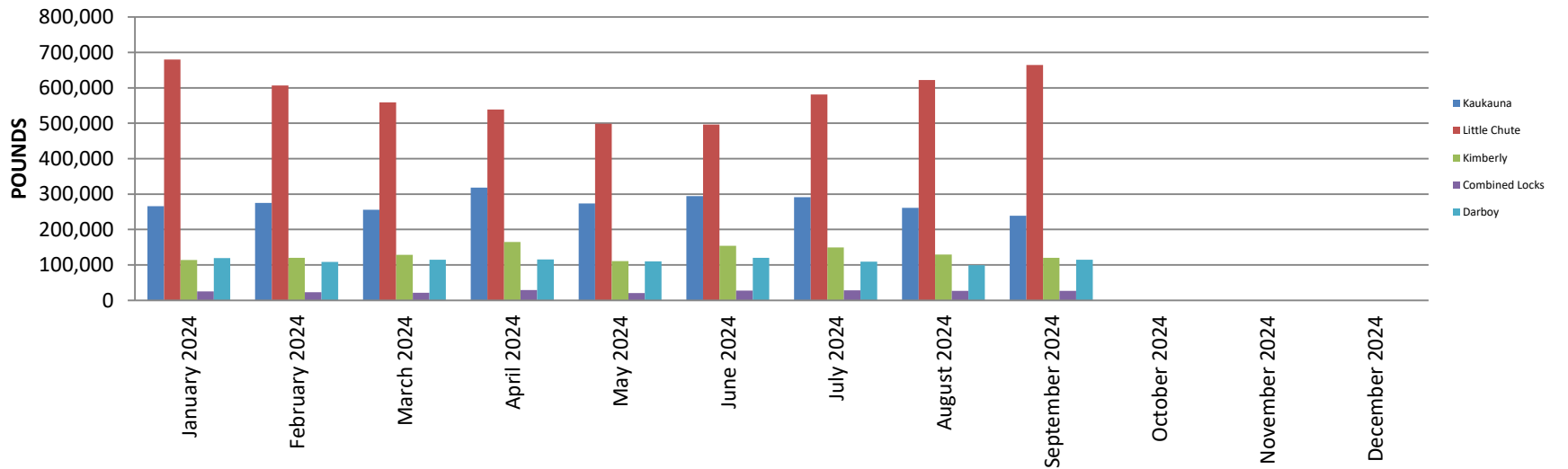
POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2024	265,727	680,128	114,277	25,047	119,326
February 2024	274,796	606,570	120,456	22,874	108,956
March 2024	255,842	558,721	128,644	21,635	114,489
April 2024	318,626	538,827	164,878	29,273	115,448
May 2024	273,445	498,736	110,857	20,480	109,905
June 2024	294,202	496,048	153,965	27,510	120,470
July 2024	291,356	581,389	149,275	28,090	109,262
August 2024	261,132	622,448	129,456	26,532	99,394
September 2024	239,069	664,134	120,088	27,101	114,461
October 2024					
November 2024					
December 2024					

% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

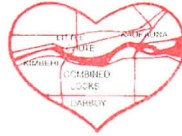


POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS



DISTRICT DIRECTOR:

Brian M. Helminger

**COMMISSIONERS:**

David J. Casper, President
 Bruce M. Siebers, Vice-President
 Patrick E. Hennessey, Secretary
 Kevin P. Coffey, Commissioner
 John W. Sundelius, 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: September

Year: 2024

Gallons of Final Effluent Purchased (Billing)

<u>Date</u>	<u>Gallons</u>	<u>Date</u>	<u>Gallons</u>
9/1/2024	3,457,000	9/21/2024	3,196,000
9/2/2024	3,456,000	9/22/2024	3,106,000
9/3/2024	3,445,000	9/23/2024	3,665,000
9/4/2024	2,999,000	9/24/2024	3,307,000
9/5/2024	3,628,000	9/25/2024	3,486,000
9/6/2024	3,361,000	9/26/2024	3,558,000
9/7/2024	3,117,000	9/27/2024	3,287,000
9/8/2024	3,246,000	9/28/2024	115,000
9/9/2024	3,738,000	9/29/2024	0
9/10/2024	3,729,000	9/30/2024	0
9/11/2024	3,712,000		
9/12/2024	3,416,000		
9/13/2024	3,368,000		
9/14/2024	3,637,000	Total:	93,702,000
9/15/2024	3,775,000		
9/16/2024	3,586,000		
9/17/2024	3,457,000		
9/18/2024	3,692,000		
9/19/2024	3,594,000		
9/20/2024	3,569,000		

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

Attn: Account # N2310E

MONTHLY BILLING

Month: September

Year: 2024

GALLONS PURCHASED: 93,702,000

BILLING RATE: \$0.1832483 PER 1000 GALLONS

TOTAL AMOUNT DUE: \$17,170.73

**Heart of the Valley
Metropolitan Sewerage District**

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

2024

Final Effluent Sent to Fox Energy Facility

Gallons: 817,954,000

Charge Per 1000 Gallons: \$0.1832483 Per 1000 Gallons

Sale of Final Effluent (Revenue Collected): \$149,888.68