FLOW AND STRENGTH PROJECTIONS

MONTH: November 2022

	PROJECTED	ACTUAL	DIFFERENCE	PROJECTED INCOME FOR MONTH	ACTUAL INCOME FOR MONTH	SURPLUS OR DEFICIT
FLOW (GALLONS)	203,929,000	200,711,000	-3,218,000	$ 155,597.83	$ 153,142.49	$ (2,455.33)
B.O.D. (#s)	426,816	545,975	119,159	$ 82,375.49	$ 105,373.14	$ 22,997.65
S. SOLIDS (#s)	430,809	467,725	36,916	$ 109,425.49	$ 118,802.15	$ 9,376.66
PHOSPHORUS (#s)	7,720	8,556	836	$ 51,662.24	$ 57,256.75	$ 5,594.51
AMMONIA-N (#s)	52,288	58,987	6,699	$ 65,203.14	$ 73,556.69	$ 8,353.55
CHLORIDES (#s)	893,644	987,497	93,853	$ 3,574.58	$ 3,949.99	$ 375.41
			TOTAL:	$ 467,838.75	$ 512,081.21	$ 44,242.46

(THRU NOVEMBER 2022)

PROJECTED FOR 2022

	END OF YEAR PROJECTED	YEAR TO DATE SURPLUS/ DEFICIT	YEAR TO DATE SURPLUS/ DEFICIT $$	%
FLOW (GALLONS)	2,053,099,003	-100,716,000	$ (76,846.31)	-25.42%
B.O.D. (#s)	3,755,281	832,042	$ 160,584.05	53.11%
S. SOLIDS (#s)	3,909,560	379,865	$ 96,485.82	31.91%
PHOSPHORUS (#s)	80,410	8,585	$ 57,453.76	19.00%
AMMONIA-N (#s)	505,265	48,647	$ 60,662.53	20.06%
CHLORIDES (#s)	8,748,079	998,677	$ 3,994.71	1.32%
		TOTAL:	$ 302,334.57	

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

November 2022

	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	144.3	4.7	264	10,292	319,047	351	13,608	421,860	6.54	253	7,858	50.2	1947	60,352	722	28,567	857,010
Feb	129.3	4.6	267	10,291	288,149	375	14,417	403,684	6.64	256	7,158	46.7	1765	49,409	859	33,186	929,200
Mar	236.2	7.6	203	11,759	352,759	259	14,736	456,826	4.42	250	7,758	32.5	1795	55,652	716	41,706	1,292,877
Apr	272.3	9.1	147	10,865	325,941	184	13,580	407,390	3.28	240	7,200	24.5	1775	55,039	511	33,214	1,029,625
May	222.5	7.2	178	10,477	324,787	272	16,081	498,519	4.82	277	8,587	32.2	1864	57,788	628	37,491	1,162,212
Jun	222.1	7.4	184	11,216	336,483	247	14,893	446,787	4.72	282	8,475	30.6	1853	55,589	655	39,747	1,192,416
Jul	188.0	6.1	203	10,237	317,346	267	13,520	419,128	4.82	242	7,489	34.4	1729	53,589	672	33,458	1,037,185
Aug	204.2	6.6	204	10,974	340,186	275	14,567	451,585	5.13	265	8,205	31.9	1692	52,461	651	34,287	1,062,895
Sep	191.7	6.4	203	10,392	311,773	277	14,022	420,673	4.85	242	7,253	35.0	1735	52,064	649	32,585	977,539
Oct	157.6	5.1	194	8,201	254,223	301	12,782	396,237	5.89	240	7,432	42.3	1771	54,901	765	31,848	987,285
Nov	185.3	6.2	171	8,569	257,062	259	13,178	395,343	4.87	229	6,878	35.9	1771	53,141	686	33,076	992,268
Dec																	
Average	195.8	6.4	202	10,297	311,614	279	14,126	428,912	5.09	252	7,663	36.0	1,791	54,544	683	34,469	1,047,319
Yearly Total	2,153.4				3,427,755			4,718,031			84,293			599,984			11,520,510
*Includes Hauled Waste																	
[Plant Design Capacity] =		*8.5*		*13,565*			*12,209*			*339*			*1,600*				
(Hauled Waste Gallons)= 223,700																	
[Max Design Capacity] =		11.9		16,278			14,651			407			1,920				
November % of Capacity		52%		53%			90%			56%			92%				

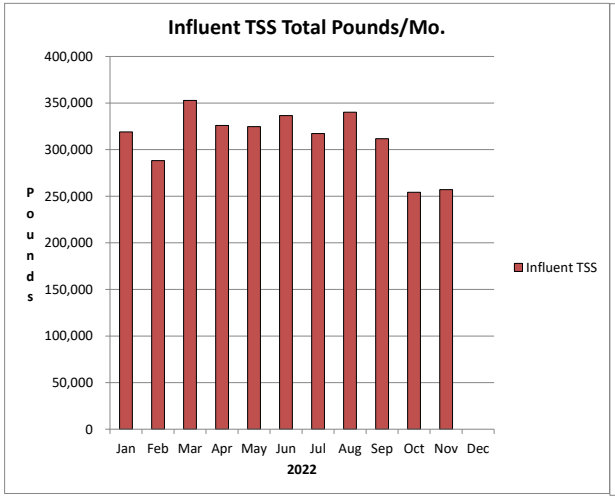
November Max Daily Flow 12.60

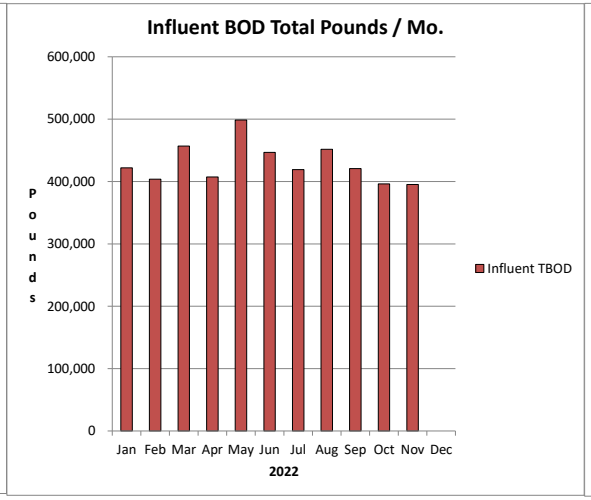
EFFLUENT QUALITY

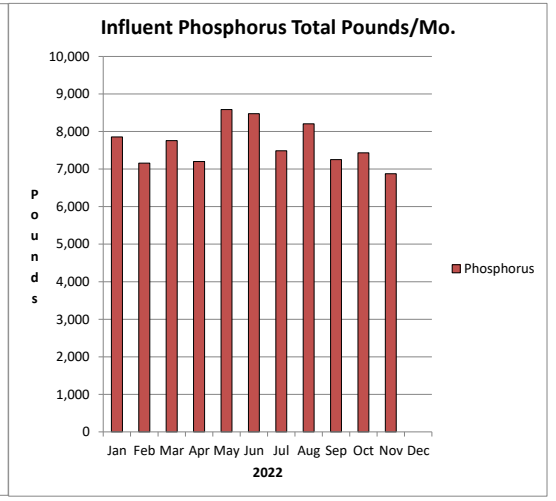
												Monthly Avg Limit
											Jan- Marc	10 mg/L
											April-May	11 mg/L
{PERMIT LIMITS (WDNR) →			Monthly (Avg)	801#	Monthly Avg	30 mg/L	Monthly Avg	31.5#			June-Sept	4.4 mg/L
			Weekly (Avg)	1345#	Weekly Avg	45 mg/L	6 mo Avg	10.5#			Oct- Dec	18 mg/L
			Daily Max (mg/L)	30	WLA May-Oct		Daily Max mg/L	1.0				

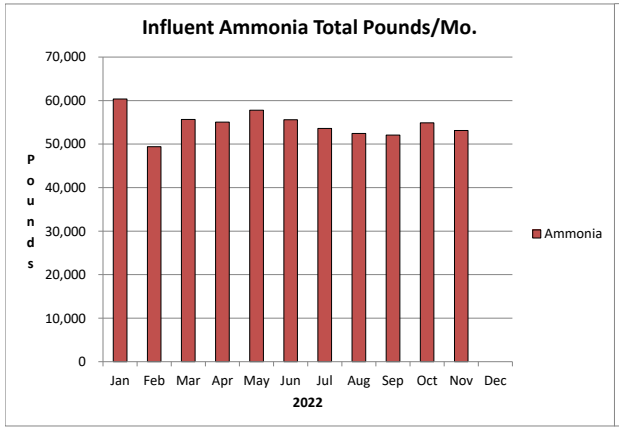
	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE
MONTH	Million Gallons	Avg MGD	Avg mg/L	Avg #/day	Total # /Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L
Jan	61.6	2.0	12.8	212	6,561	10.5	173	5,364	0.34	5.6	173	0.46	8.0	249	746
Feb	63.2	2.3	13.3	249	6,976	11.3	211	5,918	0.33	6.3	177	0.49	9.1	254	829
Mar	151.3	4.9	21.0	1,122	33,655	15.1	746	23,115	0.37	17.9	554	0.49	20.4	571	699
Apr	189.3	6.3	19.2	629	18,878	10.9	586	17,593	0.21	11.8	353	0.83	42.5	1,190	520
May	158.7	5.1	9.6	484	14,532	11.9	513	15,912	0.22	9.8	304	1.39	62.6	1,752	644
Jun	122.7	4.1	12.4	255	7,389	8.8	290	8,694	0.18	5.8	174	0.86	29.1	874	633
Jul	82.8	2.7	21.2	409	12,668	12.8	284	8,819	0.33	7.3	226	0.36	7.7	240	663
Aug	100.4	3.2	16.4	441	13,675	11.4	301	9,335	0.36	9.2	284	0.41	9.7	300	647
Sep	117.5	3.9	15.6	715	21,455	11.0	356	10,694	0.40	13.5	406	0.39	12.4	371	653
Oct	89.1	2.9	23.2	573	17,769	12.2	287	8,904	0.54	13.3	399	1.01	23.3	698	746
Nov	106.4	3.5	28.4	551	16,531	10.0	306	9,169	0.42	12.3	369	0.38	11.8	353	664
Dec															
Average	113.0	3.7	17.5	513	15,463	11.4	368.6	11,229	0.34	10.2	310.8	0.64	21.5	622.8	677
Yearly Total	1,242.9				170,090			123,516			3,419			6,851.3	

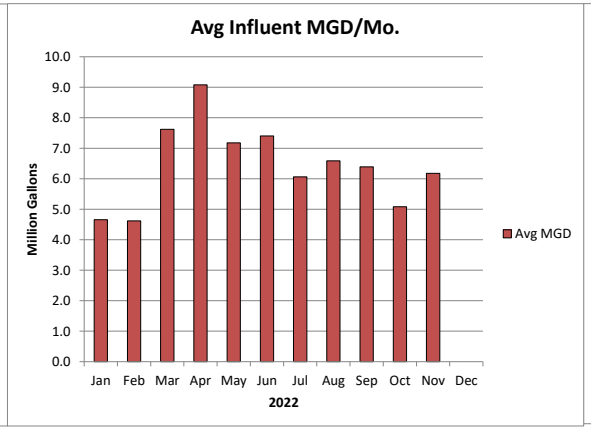
		November	**Avg #'s**	6 mo. Avg #'s	12.31	Nov-April
Effluent Gallons to Fox Energy		**WEEK 1**	965			
(November)		**WEEK 2**	468			
Million Gallons	*% to Fox Energy*	**WEEK 3**	415			
78.91	50%	**WEEK 4**	407			

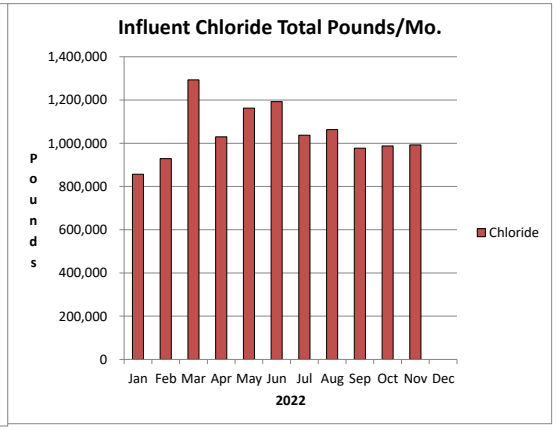

Influent TSS Total Pounds/Mo.
Pounds
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2022
Influent TSS


Influent BOD Total Pounds / Mo.
Pounds
600,000
500,000
400,000
300,000
200,000
100,000
0
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2022
Influent TBOD


Influent Phosphorus Total Pounds/Mo.
Pounds
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2022
Phosphorus


Influent Ammonia Total Pounds/Mo.
Pounds
70,000
60,000
50,000
40,000
30,000
20,000
10,000
0
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2022
Ammonia


Avg Influent MGD/Mo.
Million Gallons
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2022
Avg MGD


Influent Chloride Total Pounds/Mo.
Pounds
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
2022
Chloride

RAIN GAUGES

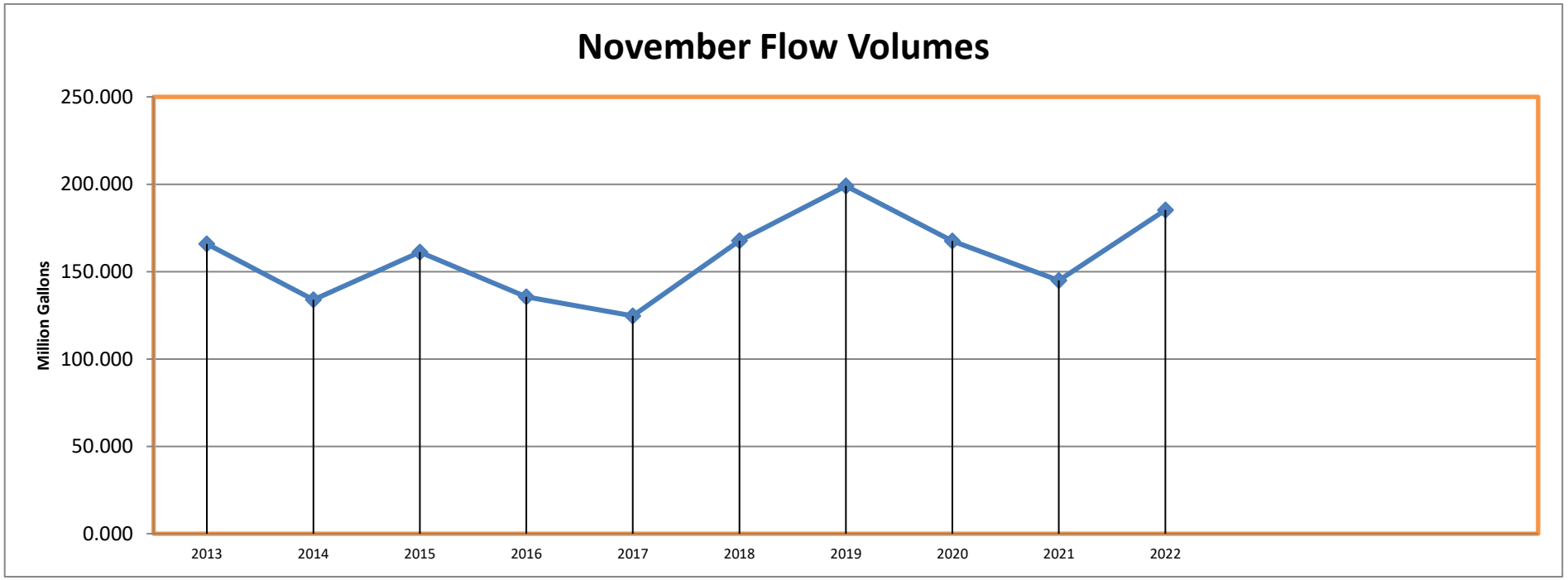
DAILY RAINFALL TOTALS

MONTH: NOVEMBER **YEAR:** 2022

DATE	PLANT INCHES	KAUKAUNA INCHES	LITTLE CHUTE INCHES	KIMBERLY INCHES	DARBOY INCHES
1	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	
4	1.15	0.16	1.19	0.26	
5	0.35	0.05	0.36	0.10	
6	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	
10	0.33	0.05	0.37	0.07	
11	0.02	0.00	0.01	0.00	
12	0.00	0.00	0.00	0.00	
13	0.00	0.00	0.00	0.00	
14	0.00	0.00	0.00	0.00	
15	0.00	0.00	0.01	0.00	
16	0.12	0.00	0.00	0.00	
17	0.00	0.00	0.00	0.00	
18	0.00	0.00	0.00	0.00	
19	0.00	0.00	0.00	0.00	
20	0.00	0.00	0.00	0.00	
21	0.00	0.00	0.00	0.00	
22	0.00	0.00	0.01	0.00	
23	0.01	0.00	0.00	0.00	
24	0.00	0.00	0.00	0.00	
25	0.00	0.00	0.00	0.00	
26	0.00	0.00	0.00	0.00	
27	0.00	0.00	0.00	0.00	
28	0.00	0.00	0.00	0.00	
29	0.00	0.00	0.00	0.00	
30	0.00	0.00	0.00	0.00	
TOTAL:	1.98	0.26	1.95	0.43	0.00

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

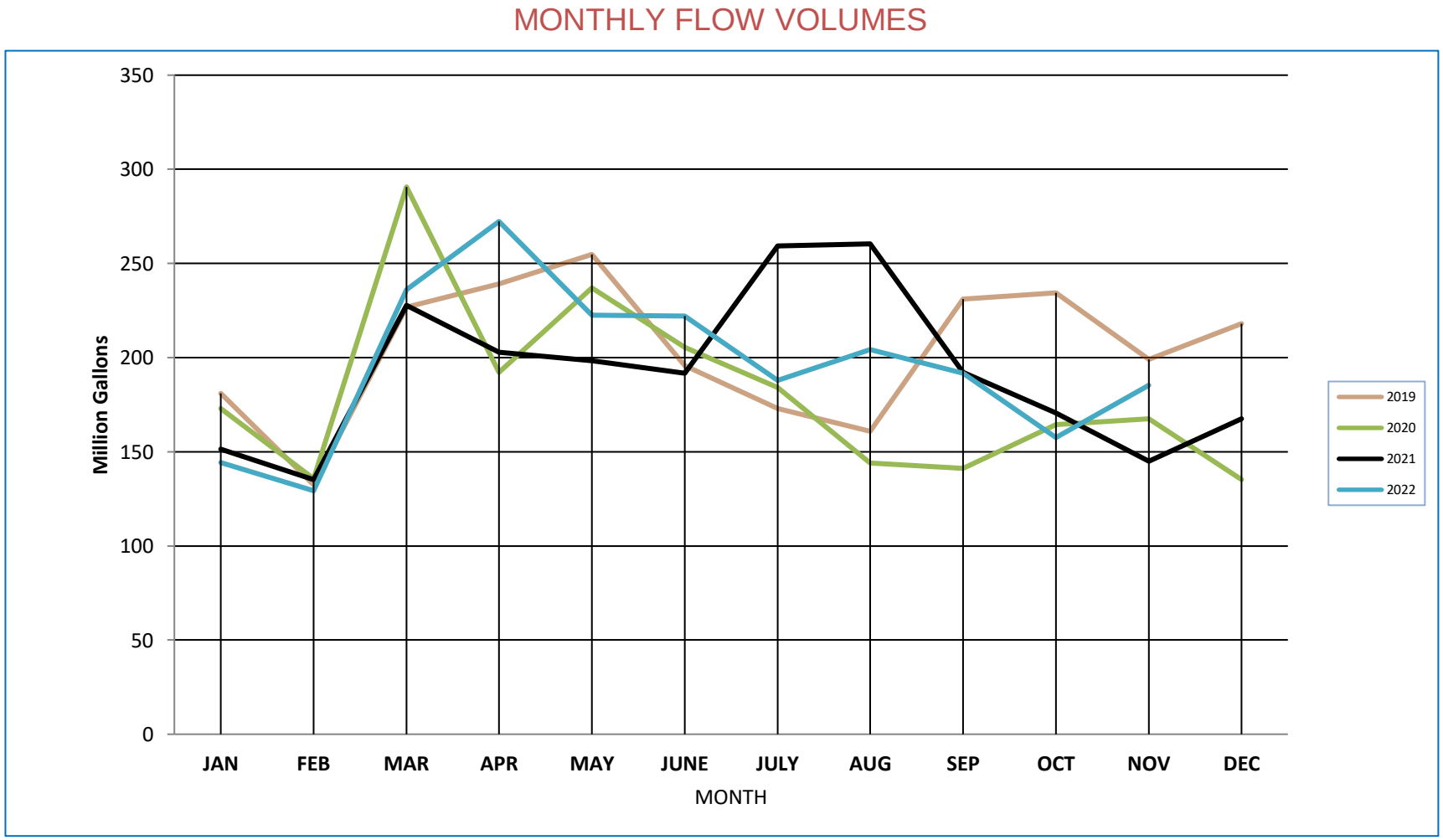
Year	November Flow Million Gallons	Precipitation Inches
2013	165.861	2.76
2014	133.835	2.52
2015	161.094	2.21
2016	135.607	1.73
2017	124.659	0.97
2018	167.657	1.04
2019	199.024	2.79
2020	167.558	1.77
2021	145.014	0.40
2022	185.294	1.96



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEP	OCT	NOV	DEC
2019	181.037	132.459	226.921	239.147	254.810	195.654	172.916	160.932	231.033	234.439	199.024	218.097
2020	172.999	135.703	290.643	192.150	236.946	205.368	184.011	144.085	141.266	164.399	167.558	135.257
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	

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



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

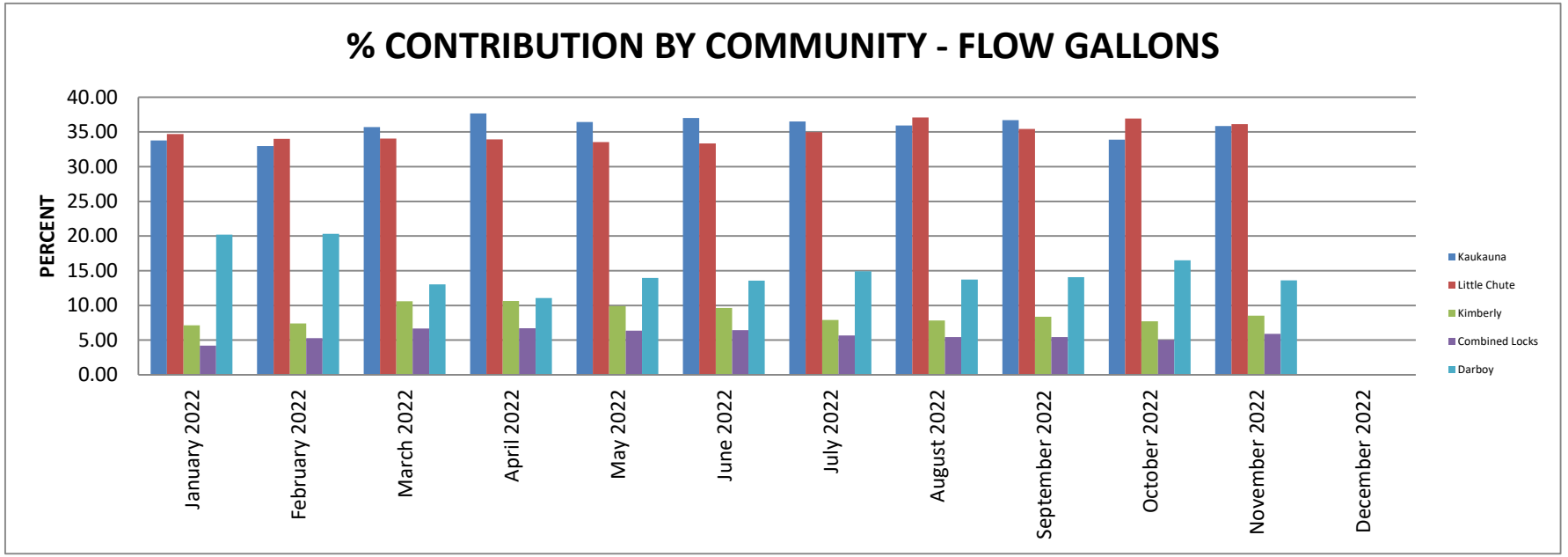
% CONTRIBUTION BY COMMUNITY - FLOW GALLONS

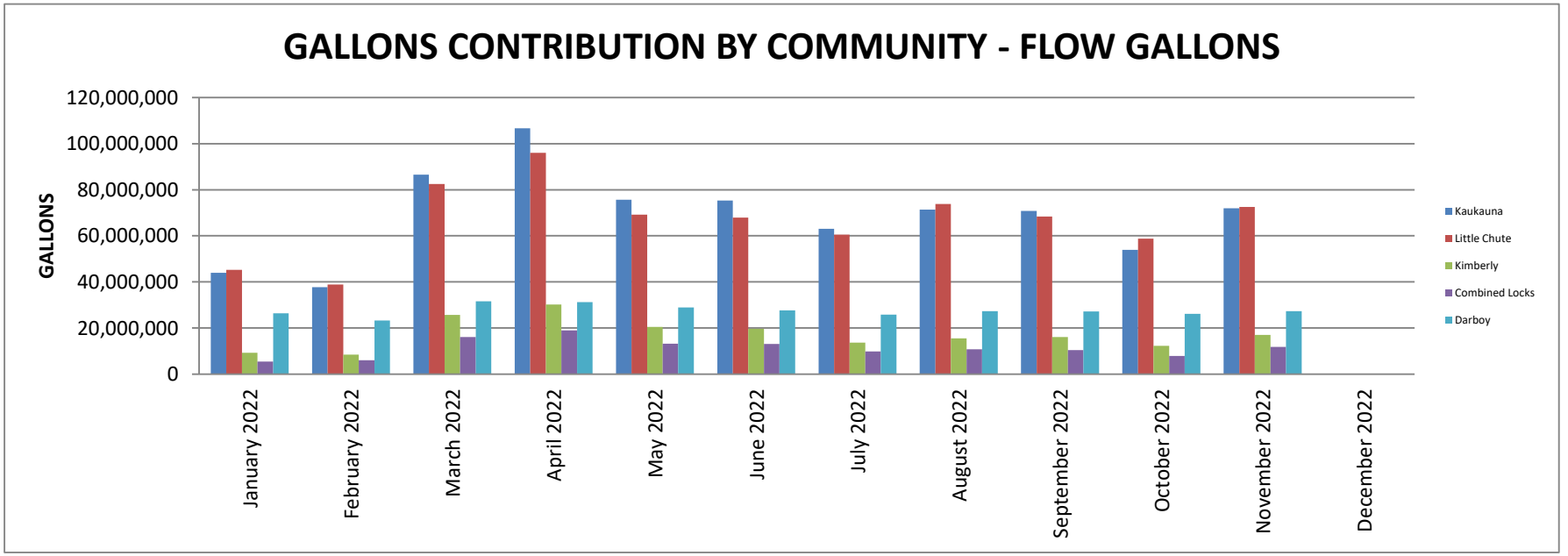
	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy	Rainfall - Inches*
January 2022	33.76	34.71	7.12	4.19	20.22	0.28
February 2022	32.97	34.01	7.39	5.30	20.32	0.50
March 2022	35.69	34.04	10.60	6.66	13.02	5.46
April 2022	37.67	33.91	10.65	6.71	11.06	2.87
May 2022	36.44	33.55	9.90	6.37	13.94	2.40
June 2022	36.99	33.34	9.65	6.43	13.58	
July 2022	36.50	34.98	7.89	5.69	14.94	2.55
August 2022	35.91	37.09	7.83	5.45	13.71	3.04
September 2022	36.70	35.43	8.36	5.43	14.07	2.88
October 2022	33.87	36.94	7.70	5.00	16.49	1.09
November 2022	35.84	36.12	8.51	5.91	13.62	1.96
December 2022						

* Nov-March=Rain,Melted Snow, Etc (in.)

GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	44,006,000	45,240,000	9,281,000	5,463,000	26,358,000
February 2022	37,739,000	38,925,000	8,463,000	6,063,000	23,260,000
March 2022	86,547,000	82,539,000	25,708,000	16,146,000	31,571,000
April 2022	106,667,000	96,022,000	30,170,000	19,012,000	31,306,000
May 2022	75,630,000	69,236,000	20,545,000	13,231,000	28,933,000
June 2022	75,367,000	67,925,000	19,659,000	13,102,000	27,670,000
July 2022	63,089,000	60,465,000	13,636,000	9,831,000	25,822,000
August 2022	71,426,000	73,777,000	15,578,000	10,834,000	27,277,000
September 2022	70,843,000	68,393,000	16,143,000	10,476,000	27,163,000
October 2022	53,879,000	58,767,000	12,257,000	7,952,000	26,229,000
November 2022	71,933,000	72,496,000	17,076,000	11,867,000	27,339,000
December 2022					


% CONTRIBUTION BY COMMUNITY - FLOW GALLONS
PERCENT
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy


GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS
GALLONS
120,000,000
100,000,000
80,000,000
60,000,000
40,000,000
20,000,000
0
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy

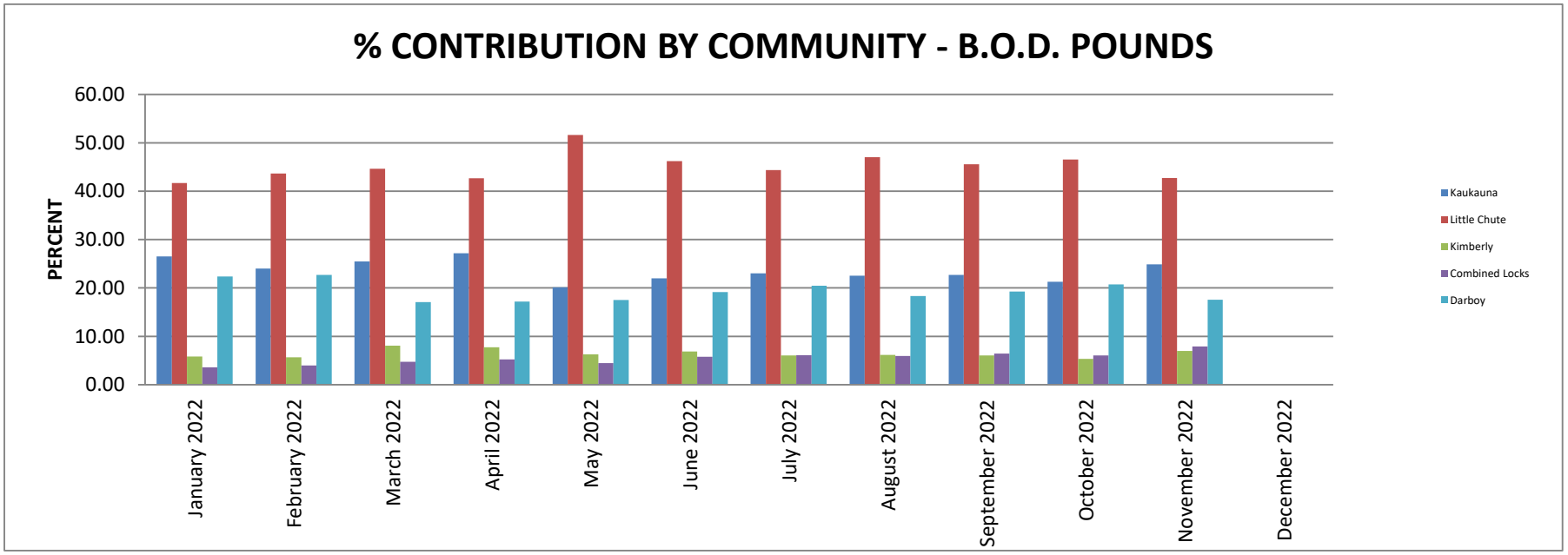
HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

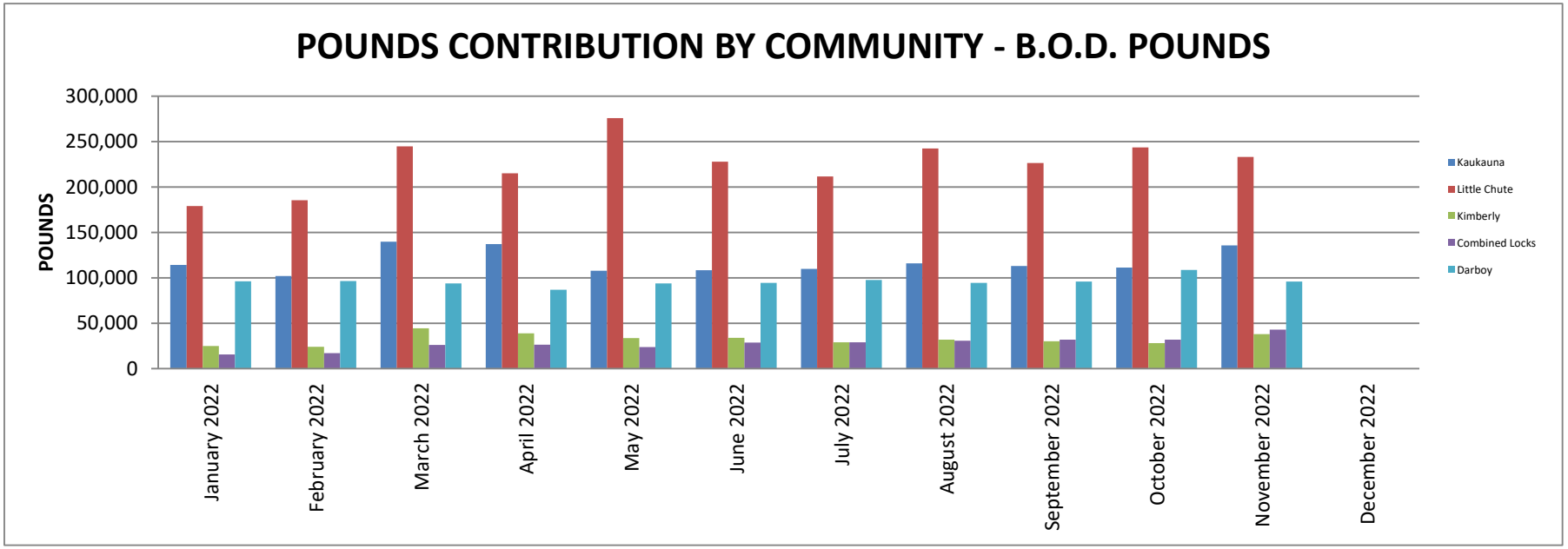
% CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	26.54	41.67	5.82	3.61	22.35
February 2022	23.98	43.65	5.68	3.99	22.71
March 2022	25.47	44.62	8.09	4.73	17.09
April 2022	27.17	42.65	7.72	5.24	17.21
May 2022	20.15	51.59	6.29	4.45	17.53
June 2022	21.98	46.19	6.88	5.80	19.16
July 2022	23.00	44.37	6.07	6.08	20.48
August 2022	22.52	47.02	6.18	5.94	18.34
September 2022	22.70	45.56	6.07	6.42	19.25
October 2022	21.29	46.54	5.36	6.07	20.75
November 2022	24.86	42.72	6.98	7.88	17.56
December 2022					

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

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	114,049	179,088	25,032	15,529	96,075
February 2022	101,875	185,458	24,145	16,935	96,501
March 2022	139,657	244,645	44,368	25,938	93,728
April 2022	137,018	215,081	38,942	26,422	86,797
May 2022	107,680	275,717	33,642	23,772	93,674
June 2022	108,387	227,767	33,921	28,589	94,482
July 2022	109,768	211,702	28,942	29,009	97,729
August 2022	116,056	242,331	31,830	30,601	94,514
September 2022	112,875	226,563	30,165	31,910	95,730
October 2022	111,378	243,496	28,060	31,736	108,567
November 2022	135,752	233,240	38,104	43,016	95,863
December 2022					


% CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS
PERCENT
60.00
50.00
40.00
30.00
20.00
10.00
0.00
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy


POUNDS CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS
POUNDS
300,000
250,000
200,000
150,000
100,000
50,000
0
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy

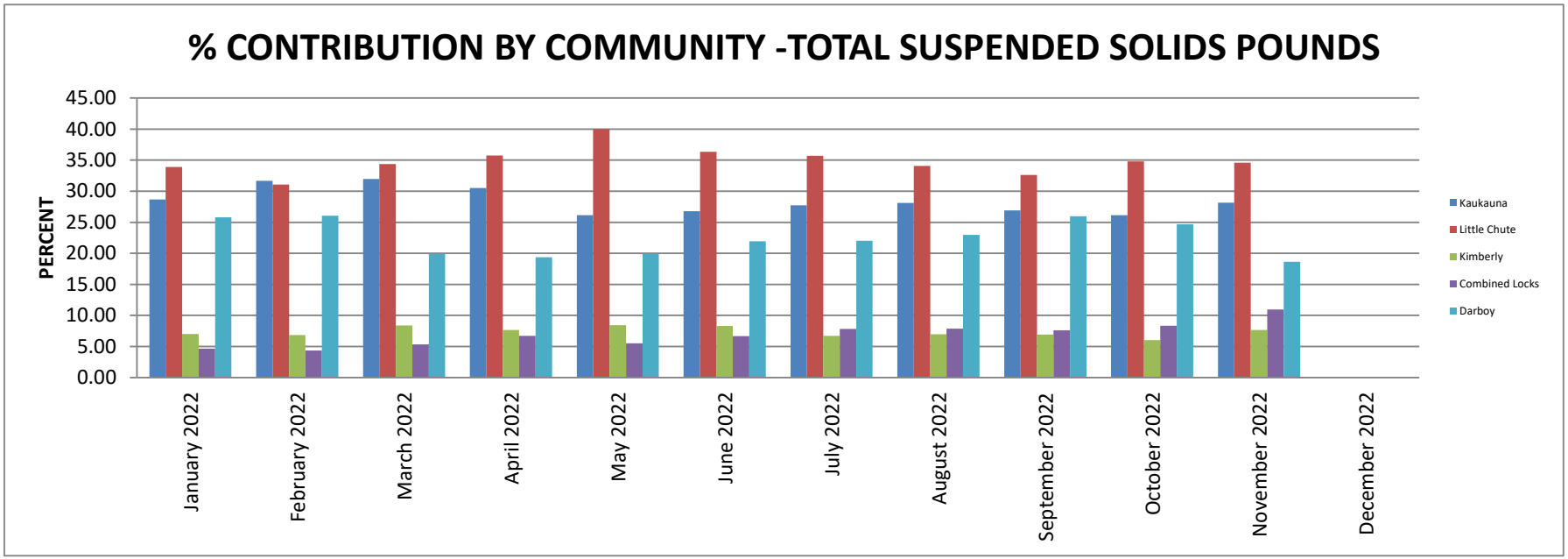
HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

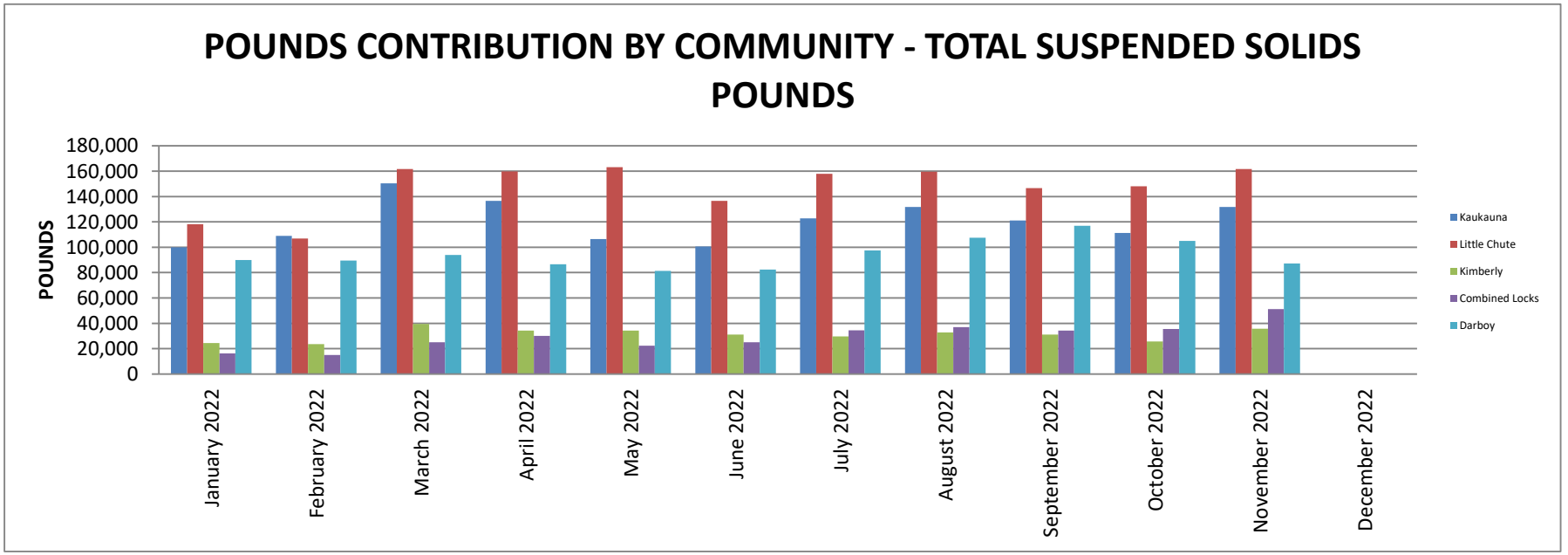
% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	28.65	33.89	7.00	4.65	25.81
February 2022	31.68	31.07	6.85	4.36	26.04
March 2022	31.96	34.35	8.40	5.36	19.94
April 2022	30.53	35.73	7.68	6.71	19.35
May 2022	26.13	40.00	8.43	5.50	19.94
June 2022	26.76	36.33	8.30	6.66	21.94
July 2022	27.74	35.69	6.72	7.82	22.03
August 2022	28.11	34.07	6.99	7.88	22.95
September 2022	26.93	32.59	6.92	7.60	25.96
October 2022	26.13	34.78	6.04	8.36	24.69
November 2022	28.17	34.58	7.66	10.96	18.63
December 2022					

POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	99,881	118,168	24,409	16,212	90,008
February 2022	108,904	106,811	23,566	15,004	89,520
March 2022	150,309	161,575	39,497	25,190	93,802
April 2022	136,587	159,842	34,368	30,012	86,546
May 2022	106,548	163,104	34,359	22,437	81,322
June 2022	100,566	136,525	31,202	25,010	82,447
July 2022	122,704	157,879	29,727	34,598	97,433
August 2022	131,706	159,640	32,776	36,932	107,534
September 2022	121,169	146,667	31,133	34,198	116,839
October 2022	111,181	147,998	25,678	35,569	105,045
November 2022	131,745	161,758	35,841	51,256	87,125
December 2022					


% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS
PERCENT
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy


POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS
POUNDS
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy

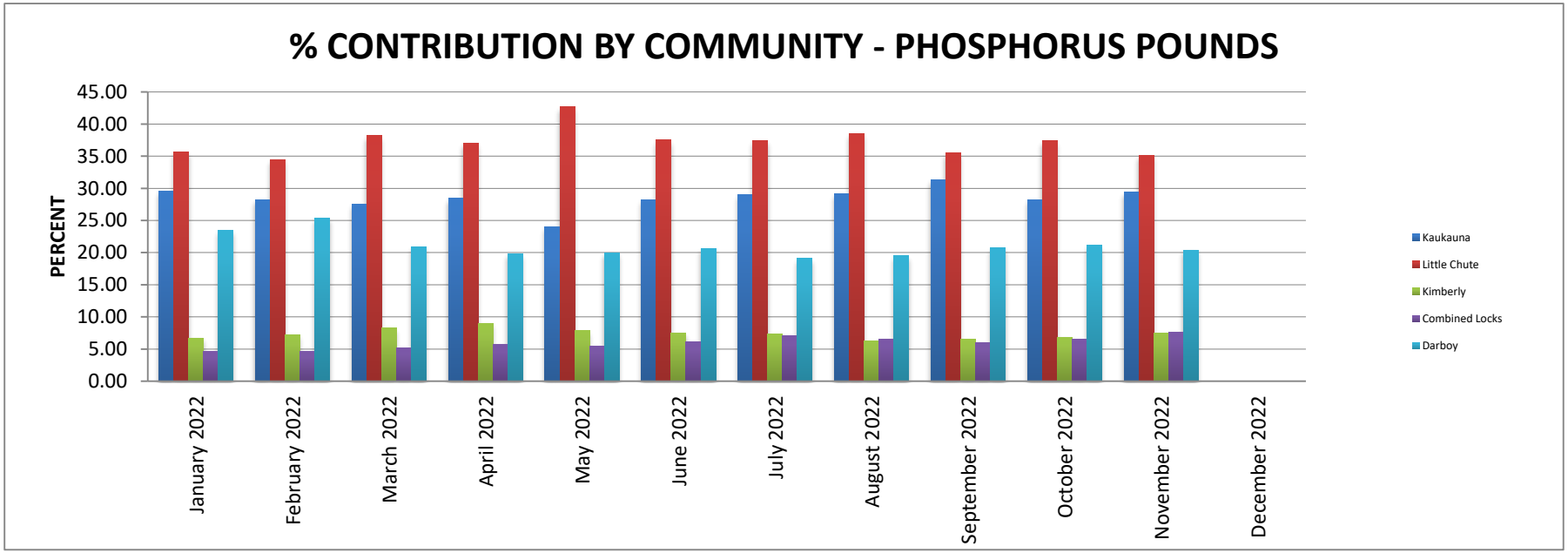
HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

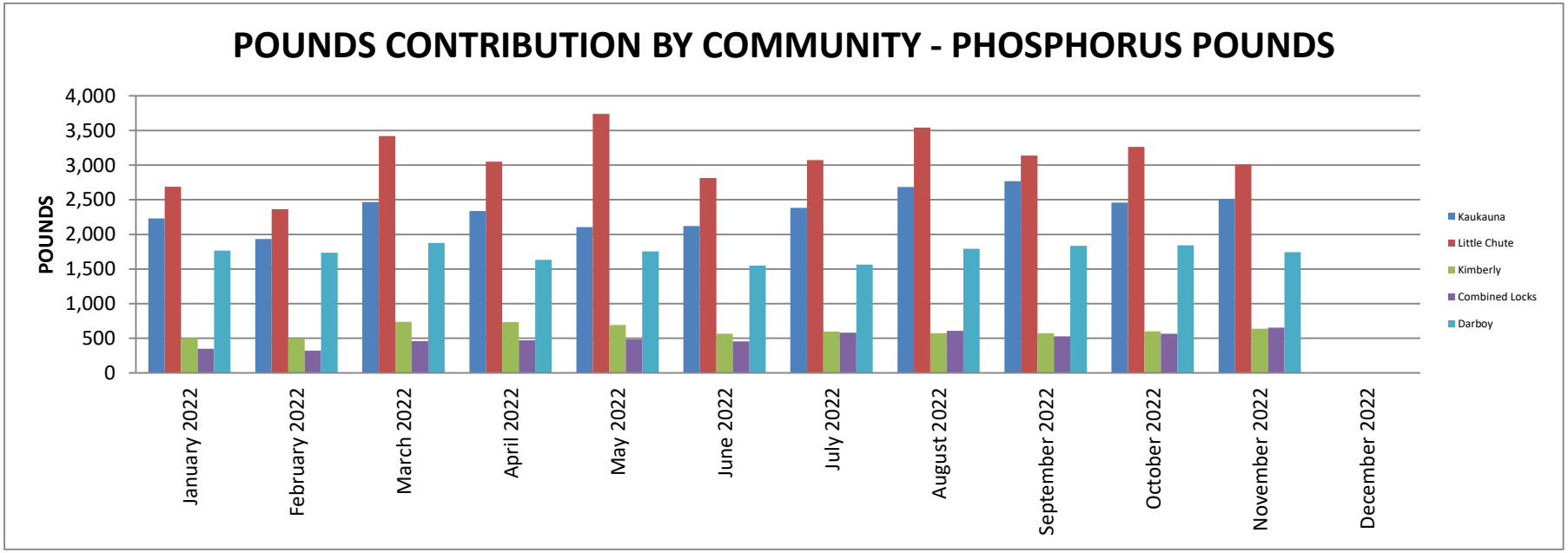
% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	29.58	35.66	6.70	4.62	23.44
February 2022	28.25	34.51	7.19	4.68	25.37
March 2022	27.53	38.18	8.23	5.13	20.93
April 2022	28.42	37.06	8.93	5.74	19.85
May 2022	23.97	42.65	7.87	5.51	20.00
June 2022	28.25	37.51	7.52	6.06	20.66
July 2022	29.09	37.49	7.28	7.08	19.07
August 2022	29.18	38.51	6.23	6.59	19.49
September 2022	31.29	35.49	6.47	5.98	20.77
October 2022	28.19	37.37	6.86	6.48	21.10
November 2022	29.38	35.17	7.44	7.65	20.36
December 2022					

POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	2,229	2,686	505	348	1,766
February 2022	1,935	2,364	493	320	1,737
March 2022	2,465	3,419	737	459	1,875
April 2022	2,337	3,048	735	472	1,632
May 2022	2,103	3,741	690	484	1,754
June 2022	2,119	2,814	564	454	1,550
July 2022	2,384	3,073	597	580	1,564
August 2022	2,684	3,542	573	606	1,792
September 2022	2,766	3,137	572	528	1,835
October 2022	2,460	3,262	598	566	1,842
November 2022	2,514	3,009	637	655	1,742
December 2022					


% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS
PERCENT
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy


POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS
POUNDS
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy

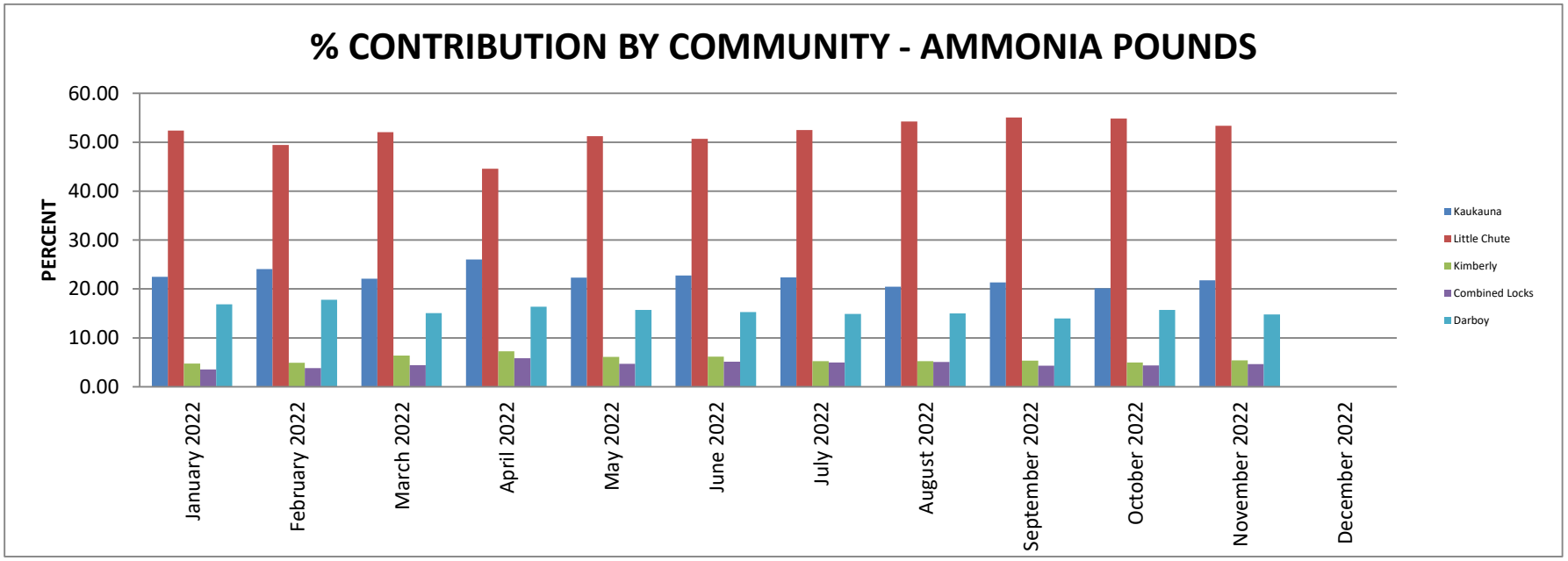
HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

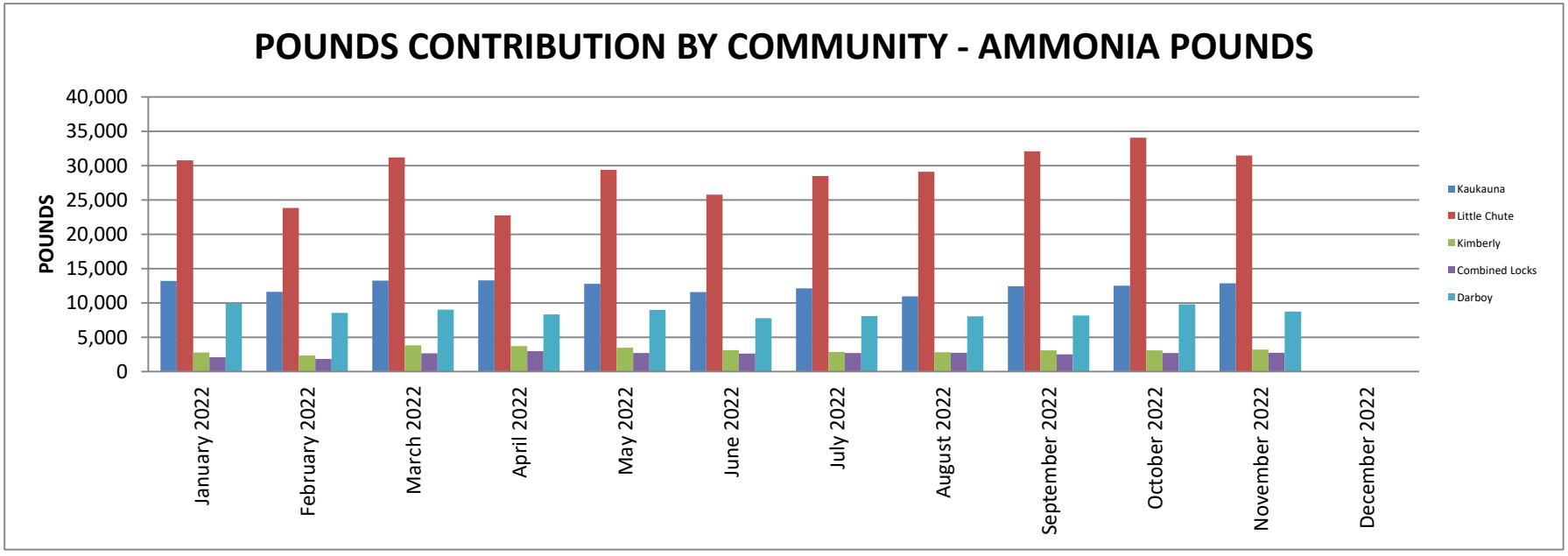
% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	22.50	52.38	4.72	3.55	16.85
February 2022	24.08	49.43	4.90	3.82	17.77
March 2022	22.09	52.08	6.38	4.43	15.03
April 2022	26.00	44.56	7.26	5.85	16.34
May 2022	22.31	51.23	6.08	4.69	15.69
June 2022	22.75	50.67	6.17	5.14	15.27
July 2022	22.37	52.48	5.25	4.98	14.92
August 2022	20.46	54.26	5.22	5.08	14.98
September 2022	21.33	55.04	5.32	4.31	13.99
October 2022	20.11	54.82	4.97	4.37	15.73
November 2022	21.79	53.35	5.42	4.64	14.79
December 2022					

POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	13,213	30,761	2,773	2,083	9,895
February 2022	11,612	23,841	2,363	1,842	8,570
March 2022	13,236	31,211	3,826	2,653	9,006
April 2022	13,266	22,735	3,705	2,983	8,336
May 2022	12,788	29,365	3,483	2,689	8,996
June 2022	11,567	25,767	3,135	2,614	7,766
July 2022	12,132	28,465	2,846	2,699	8,094
August 2022	10,968	29,091	2,798	2,724	8,034
September 2022	12,434	32,084	3,101	2,513	8,156
October 2022	12,497	34,070	3,092	2,713	9,777
November 2022	12,855	31,470	3,196	2,739	8,727
December 2022					


% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS
PERCENT
60.00
50.00
40.00
30.00
20.00
10.00
0.00
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy


POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS
POUNDS
40,000
35,000
30,000
25,000
20,000
15,000
10,000
5,000
0
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy

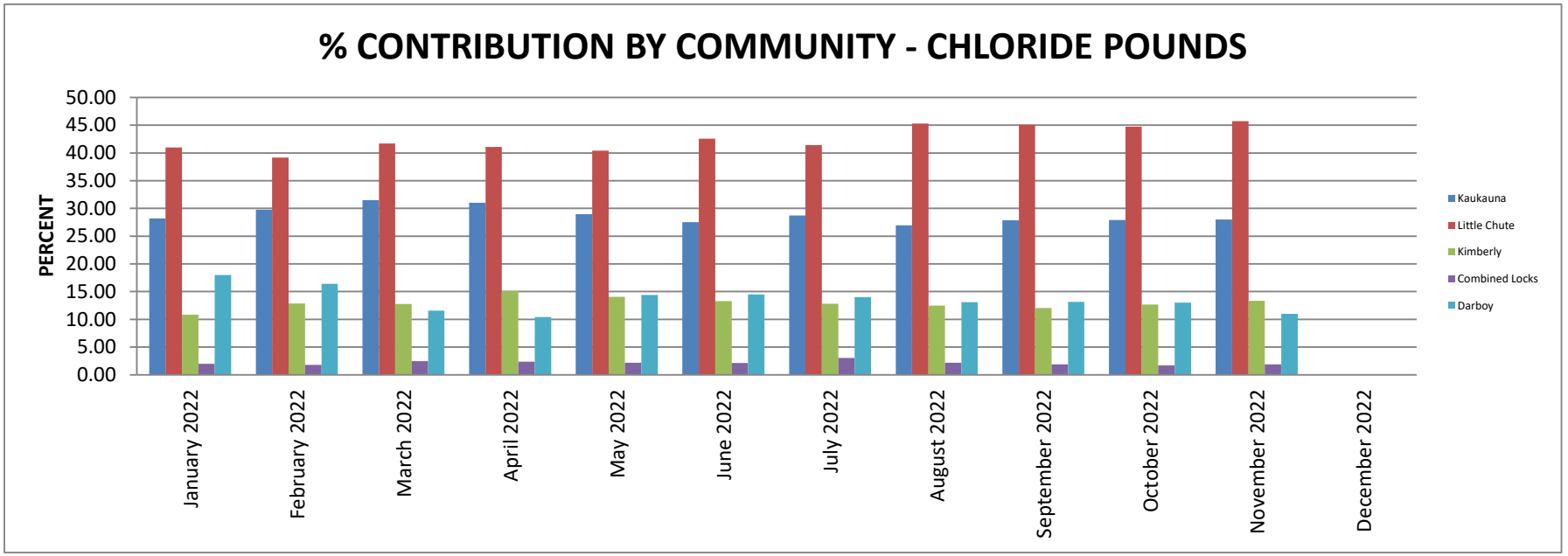
HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

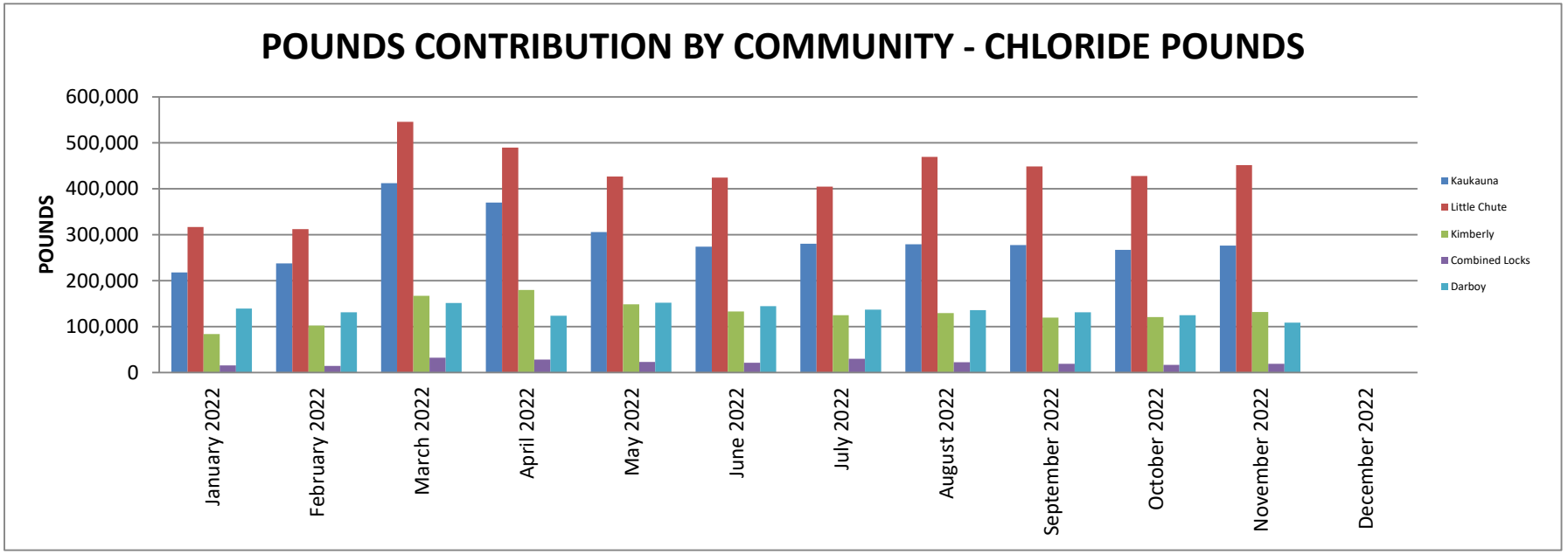
% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	28.19	40.98	10.85	2.00	17.98
February 2022	29.77	39.14	12.86	1.82	16.42
March 2022	31.49	41.70	12.75	2.49	11.57
April 2022	31.04	41.08	15.10	2.38	10.40
May 2022	28.94	40.39	14.07	2.20	14.41
June 2022	27.50	42.58	13.31	2.13	14.48
July 2022	28.70	41.42	12.80	3.06	14.01
August 2022	26.93	45.31	12.50	2.17	13.09
September 2022	27.85	45.04	12.03	1.91	13.17
October 2022	27.91	44.70	12.65	1.72	13.02
November 2022	28.01	45.74	13.35	1.91	11.00
December 2022					

POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

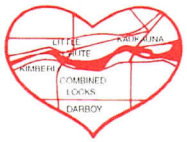
	Kaukauna	Little Chute	Kimberly	Combined Locks	Darboy
January 2022	218,136	317,040	83,950	15,473	139,137
February 2022	237,466	312,154	102,539	14,529	130,931
March 2022	412,002	545,722	166,848	32,583	151,392
April 2022	370,037	489,639	180,041	28,374	123,942
May 2022	305,646	426,556	148,548	23,200	152,178
June 2022	274,172	424,560	132,759	21,222	144,435
July 2022	280,232	404,422	124,998	29,902	136,767
August 2022	279,094	469,650	129,530	22,542	135,671
September 2022	277,401	448,549	119,801	19,031	131,138
October 2022	267,051	427,683	121,036	16,436	124,549
November 2022	276,591	451,687	131,818	18,817	108,583
December 2022					


% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS
PERCENT
50.00
45.00
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.00
0.00
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy


POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS
POUNDS
600,000
500,000
400,000
300,000
200,000
100,000
0
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
October 2022
November 2022
December 2022
Kaukauna
Little Chute
Kimberly
Combined Locks
Darboy

DISTRICT DIRECTOR:
Brian M. Helminger

SERVING:
Combined Locks
Kaukauna
Kimberly
Little Chute
Darboy S.D.



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

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: November **Year:** 2022

Gallons of Final Effluent Purchased (Billing)

Date	Gallons
11/1/2022	3,111,000
11/2/2022	2,591,000
11/3/2022	2,574,000
11/4/2022	2,558,000
11/5/2022	1,769,000
11/6/2022	2,722,000
11/7/2022	2,574,000
11/8/2022	2,184,000
11/9/2022	3,124,000
11/10/2022	3,487,000
11/11/2022	2,444,000
11/12/2022	2,265,000
11/13/2022	3,060,000
11/14/2022	3,110,000
11/15/2022	3,111,000
11/16/2022	3,111,000
11/17/2022	2,885,000
11/18/2022	2,495,000
11/19/2022	2,274,000
11/20/2022	2,268,000
11/21/2022	2,806,000
11/22/2022	3,099,000
11/23/2022	2,416,000
11/24/2022	1,562,000
11/25/2022	1,884,000
11/26/2022	3,000,000
11/27/2022	2,949,000
11/28/2022	2,804,000
11/29/2022	2,507,000
11/30/2022	2,164,000
Total:	78,908,000

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

Attn: Account # N2310E

MONTHLY BILLING

Month: November **Year:** 2022

GALLONS PURCHASED: 78,908,000

BILLING RATE: $0.1635645 PER 1000 GALLONS

TOTAL AMOUNT DUE: $12,906.55

Heart of the Valley
Metropolitan Sewerage District

Fox Energy Revenue
From the Sale of Final Effluent

2022

Final Effluent Sent to Fox Energy Facility

Gallons: 910,811,000

Charge Per 1000 Gallons: $0.1635645 Per 1000 Gallons

Sale of Final Effluent (Revenue Collected): $148,976.35