

FLOW AND STRENGTH PROJECTIONS

MONTH: October 2023

	<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)	168,775,900	196,575,000	27,799,100	\$ 118,987.01	\$ 138,585.38	\$ 19,598.37
B.O.D. (#s)	466,149	545,222	79,073	\$ 82,042.22	\$ 95,959.07	\$ 13,916.85
S. SOLIDS (#s)	402,234	526,488	124,254	\$ 95,731.69	\$ 125,304.14	\$ 29,572.45
PHOSPHORUS (#s)	7,964	9,293	1,329	\$ 50,794.39	\$ 59,268.90	\$ 8,474.51
AMMONIA-N (#s)	58,468	61,278	2,810	\$ 63,730.12	\$ 66,793.02	\$ 3,062.90
CHLORIDES (#s)	831,321	1,194,770	363,449	\$ 2,493.96	\$ 3,584.31	\$ 1,090.35
			TOTAL:	\$ 413,779.40	\$ 489,494.83	\$ 75,715.42

(THRU OCTOBER 2023)

PROJECTED FOR 2023

	<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	210,859,166	\$ 148,655.71
B.O.D. (#s)	5,484,285	444,878	\$ 78,298.59
S. SOLIDS (#s)	4,877,973	520,416	\$ 123,858.92
PHOSPHORUS (#s)	94,940	7,897	\$ 50,368.47
AMMONIA-N (#s)	666,440	26,816	\$ 29,229.87
CHLORIDES (#s)	11,252,829	1,794,757	\$ 5,384.27
		TOTAL:	\$ 435,795.83

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

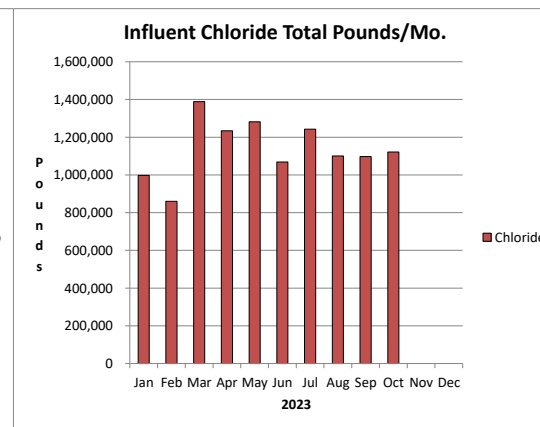
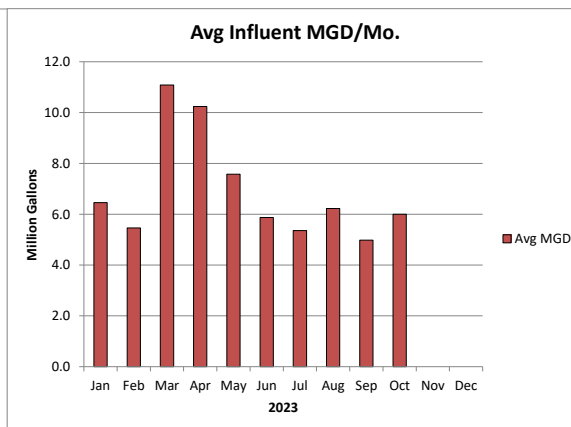
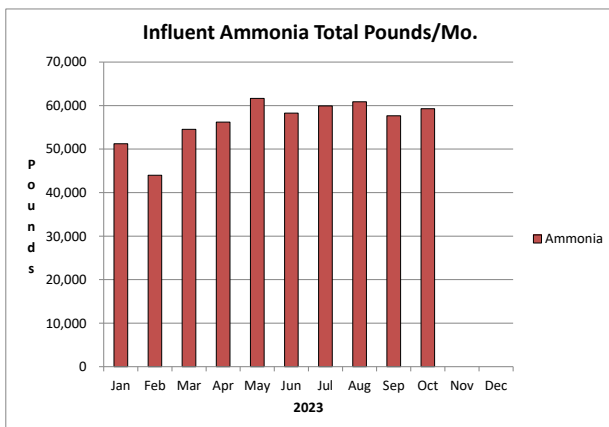
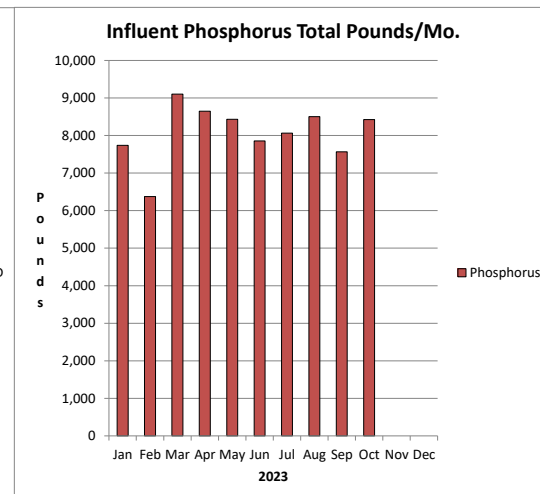
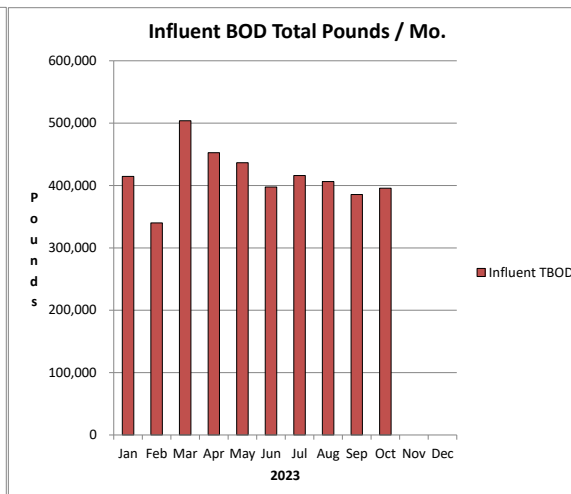
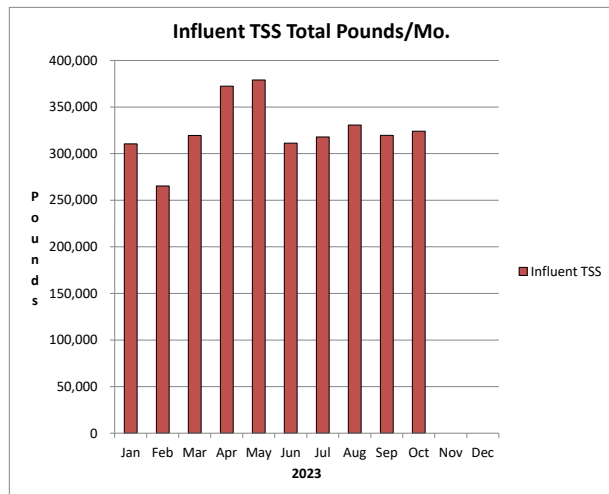
October 2023

	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	200.1	6.5	187	10,014	310,440	249	13,373	414,561	4.70	250	7,740	31.4	1653	51,242	625	32,183	997,678
Feb	152.9	5.5	214	9,476	265,340	273	12,145	340,058	5.08	228	6,374	35.4	1571	43,979	683	30,731	860,461
Mar	343.7	11.1	113	10,416	319,433	178	16,442	503,869	3.12	288	9,105	18.8	1739	54,543	489	45,240	1,388,909
Apr	307.2	10.2	156	13,291	372,459	188	16,043	452,619	3.63	310	8,649	23.6	2015	56,221	505	43,102	1,234,005
May	234.8	7.6	198	12,518	379,027	231	14,616	436,459	4.46	282	8,433	32.5	2050	61,655	676	42,705	1,282,002
Jun	176.1	5.9	212	10,385	311,347	271	13,267	397,681	5.33	253	7,856	39.4	1927	58,253	755	36,944	1,068,664
Jul	166.0	5.4	229	10,228	317,968	301	13,445	415,957	5.90	260	8,063	43.9	1960	59,932	890	39,745	1,242,487
Aug	192.9	6.2	210	10,916	330,645	258	13,374	406,402	5.45	274	8,504	38.6	2001	60,879	703	36,480	1,100,251
Sep	149.4	5.0	257	10,661	319,621	310	12,863	385,523	6.32	244	7,568	45.9	1905	57,660	878	36,489	1,097,835
Oct	186.0	6.0	221	11,067	324,143	270	13,507	395,692	5.69	285	8,425	40.8	2041	59,297	769	38,497	1,121,383
Nov																	
Dec																	
Average	210.9	6.9	200	10,897	325,042	253	13,907	414,882	4.97	267	8,072	35.0	1,886	56,366	697	38,212	1,139,368
Yearly Total	2,109.2				3,250,423			4,148,823			80,716			563,661			11,393,676
*Includes Hauled Waste [Plant Design Capacity] =		8.5		13,565			12,209			339			1,600				
[Hauled Waste Gallons]= 245,350 [Max Design Capacity] =		11.9		16,278			14,651			407			1,920				
October % of Capacity =		50%		68%			92%			70%			106%				

October Max Daily Flow = 10.52

EFFLUENT QUALITY

															Monthly Avg Limit		
{PERMIT LIMITS (WDNR) →															Jan- Marc		10 mg/L
															April-May		11 mg/L
															June-Sept		4.4 mg/L
															Oct- Dec		18 mg/L
		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	115.9	3.7	8.0	251	7,792	8.0	248	7,703	0.23	7.1	220	0.43	13.7	425	616		
Feb	75.3	2.7	10.1	223	6,253	7.9	175	4,887	0.24	5.1	144	0.25	5.3	147	706		
Mar	254.1	8.2	19.6	1,337	41,700	11.9	811	25,315	0.36	24.4	760	0.29	19.7	653	505		
Apr	227.9	7.6	15.6	986	34,282	12.2	796	23,870	0.34	21.4	696	0.99	62.8	1,956	526		
May	177.8	5.7	11.8	563	16,874	8.4	396	12,269	0.27	12.9	385	0.72	34.4	1,105	658		
Jun	86.8	2.9	12.4	299	9,084	10.3	249	7,681	0.34	8.1	243	0.87	21.0	812	805		
Jul	60.2	1.9	23.8	386	11,768	13.1	212	6,523	0.49	8.0	248	0.37	6.0	178	814		
Aug	86.9	2.8	22.2	519	15,343	9.5	223	6,616	0.49	11.5	338	0.39	9.2	233	691		
Sep	76.9	2.6	26.7	571	17,647	11.7	249	7,779	0.62	13.2	415	0.60	12.9	413	835		
Oct	117.5	3.8	20.7	655	19,691	11.3	357	10,976	0.57	18.0	535	0.95	29.9	982	724		
Nov																	
Dec																	
Average	127.9	4.2	17.1	579	18,043	10.4	371.5	11,362	0.39	13.0	398.3	0.59	21.5	690.6	688		
Yearly Total	1,279.2				180,433			113,618			3,983			6,905.6			
			October	Avg #'s							6 mo. Avg #'s	11.76	May-Oct				
			WEEK 1	854													
			WEEK 2	472													
			WEEK 3	513													
			WEEK 4	673													
68.52			37%														



RAIN GAUGES

DAILY RAINFALL TOTALS

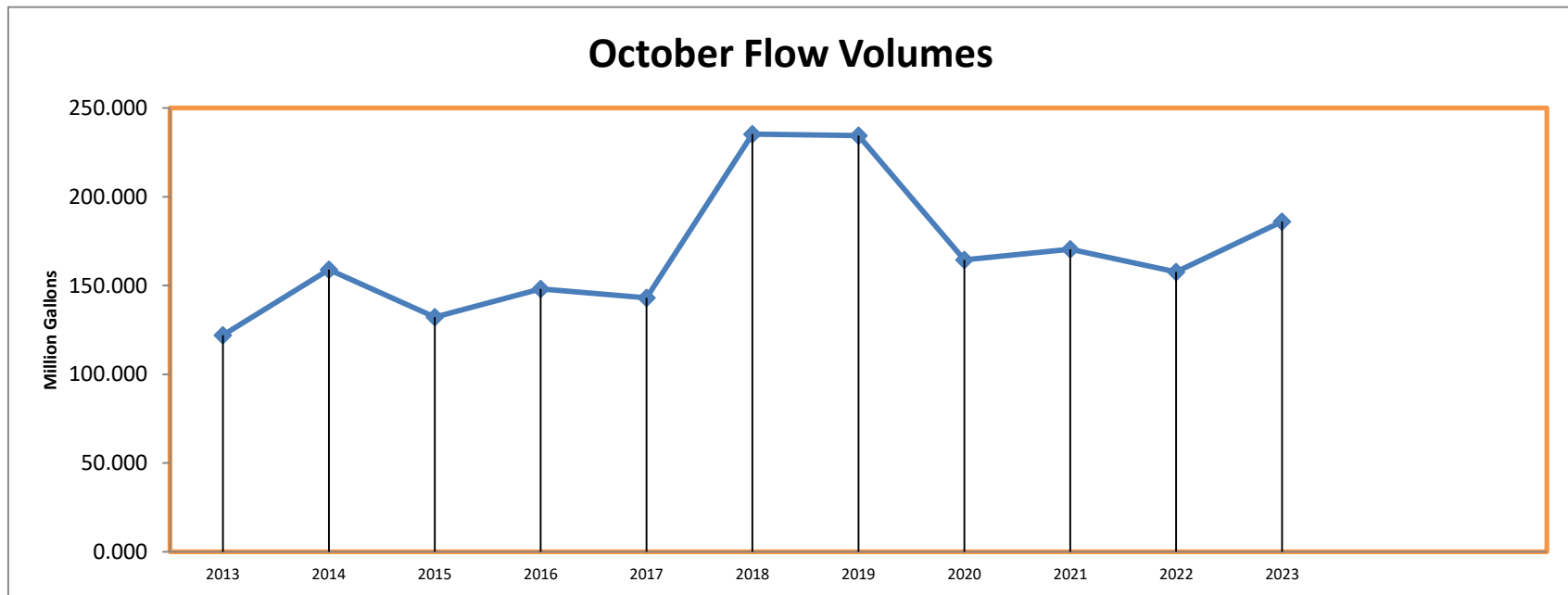
MONTH: OCTOBER

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	0.00	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	0.00	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	0.08	0.09	0.10	0.08	0.09
13	1.08	1.28	1.34	0.61	1.61
14	0.04	0.04	0.05	0.02	0.04
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	0.02	0.02	0.03	0.02	0.02
19	0.11	0.18	0.16	0.16	0.17
20	0.01	0.00	0.00	0.00	0.00
21	0.11	0.09	0.09	0.07	0.07
22	0.00	0.00	0.00	0.00	0.00
23	0.04	0.05	0.05	0.04	0.06
24	1.35	1.47	1.49	1.49	1.44
25	0.13	0.14	0.17	0.16	0.15
26	0.39	0.41	0.49	0.44	0.56
27	0.01	0.00	0.00	0.00	0.01
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
31	0.00	0.00	0.00	0.00	0.00
TOTAL:	3.37	3.77	3.97	3.09	4.22

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

<u>Year</u>	<u>October Flow Million Gallons</u>	<u>Precipitation Inches</u>
2013	122.015	3.10
2014	158.887	2.52
2015	132.217	1.90
2016	148.008	1.95
2017	143.016	2.30
2018	235.273	4.17
2019	234.439	3.87
2020	164.399	3.51
2021	170.491	0.87
2022	157.552	1.09
2023	186.008	3.76

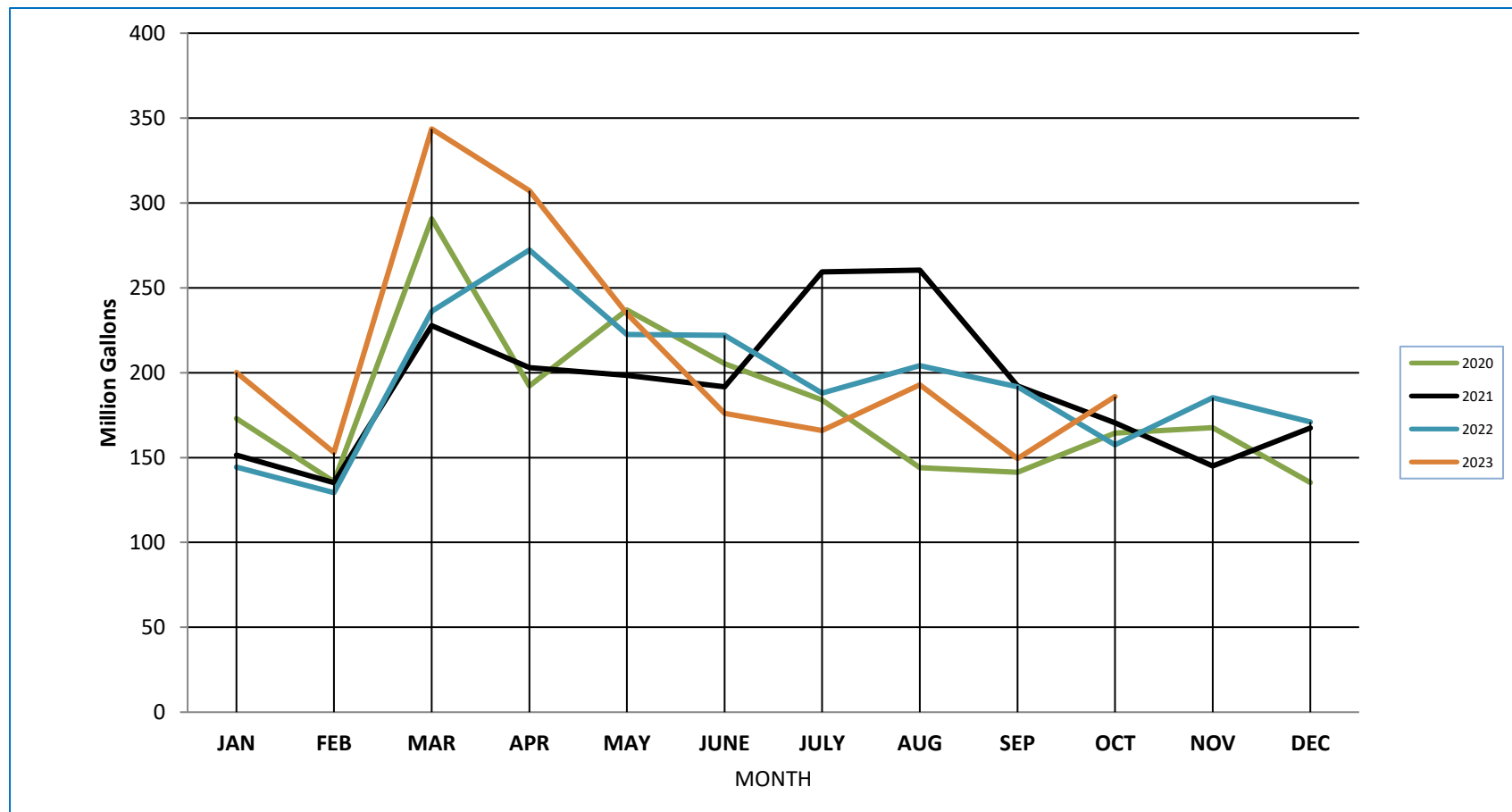


HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

	<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>
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	171.044
2023	200.088	152.933	343.638	307.249	234.764	176.104	165.991	192.923	149.417	186.008		

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

MONTHLY FLOW VOLUMES



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

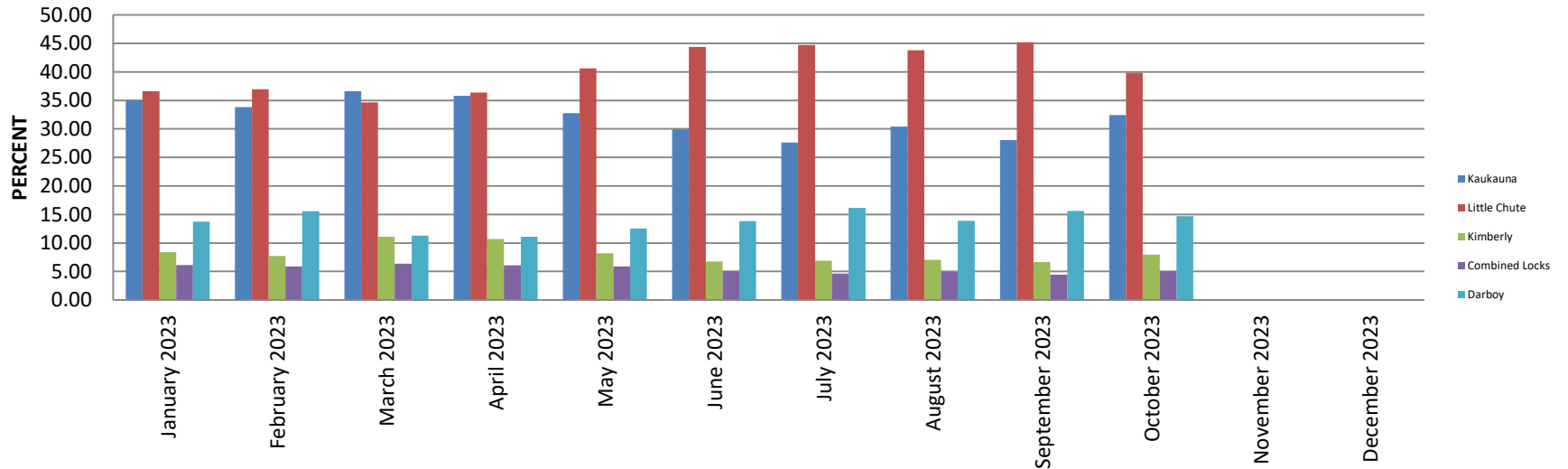
% CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>	<u>Rainfall - Inches</u>
January 2023	35.10	36.64	8.37	6.15	13.74	
February 2023	33.85	36.98	7.74	5.87	15.55	
March 2023	36.64	34.65	11.08	6.36	11.27	
April 2023	35.78	36.36	10.68	6.07	11.11	2.08
May 2023	32.78	40.60	8.22	5.87	12.53	0.83
June 2023	29.94	44.39	6.76	5.07	13.84	1.81
July 2023	27.59	44.73	6.88	4.64	16.15	1.86
August 2023	30.41	43.78	7.02	4.90	13.89	3.81
September 2023	28.05	45.20	6.65	4.46	15.64	0.58
October 2023	32.42	39.86	7.98	5.03	14.71	3.76
November 2023						
December 2023						

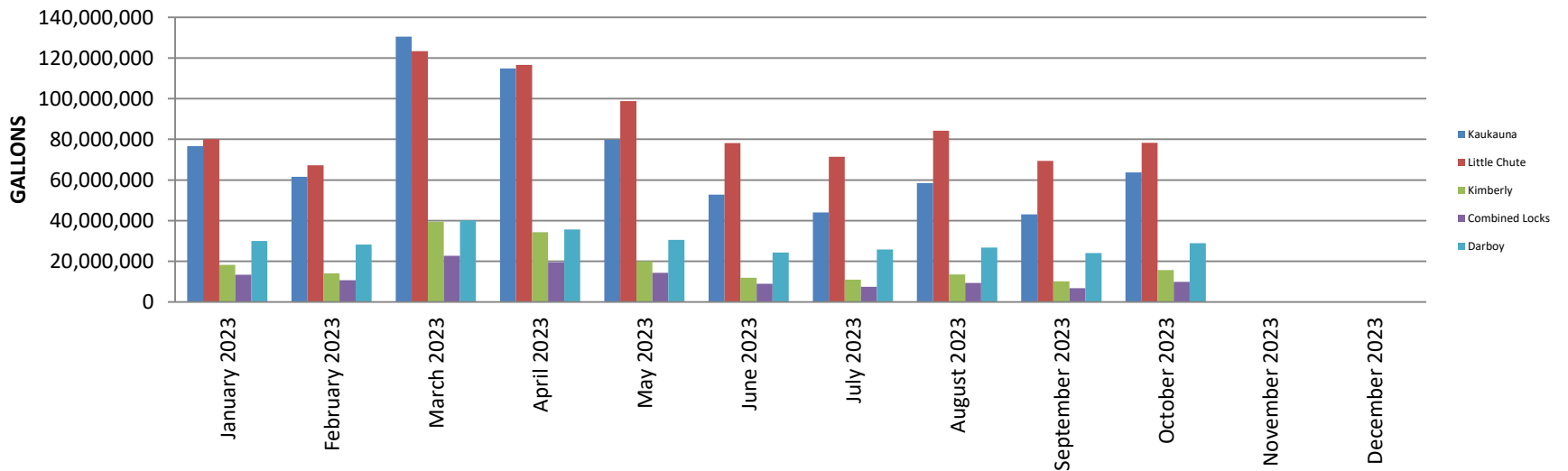
GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	76,627,000	79,990,000	18,278,000	13,428,000	30,004,000
February 2023	61,513,000	67,194,000	14,068,000	10,673,000	28,250,000
March 2023	130,492,000	123,418,000	39,467,000	22,642,000	40,122,000
April 2023	114,819,000	116,670,000	34,258,000	19,467,000	35,661,000
May 2023	79,794,000	98,841,000	20,003,000	14,292,000	30,497,000
June 2023	52,750,000	78,203,000	11,918,000	8,937,000	24,379,000
July 2023	44,084,000	71,467,000	10,994,000	7,414,000	25,799,000
August 2023	58,471,000	84,172,000	13,505,000	9,417,000	26,707,000
September 2023	43,090,000	69,423,000	10,207,000	6,850,000	24,023,000
October 2023	63,732,000	78,359,000	15,681,000	9,883,000	28,920,000
November 2023					
December 2023					

% CONTRIBUTION BY COMMUNITY - FLOW GALLONS



GALLONS CONTRIBUTION BY COMMUNITY - FLOW GALLONS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

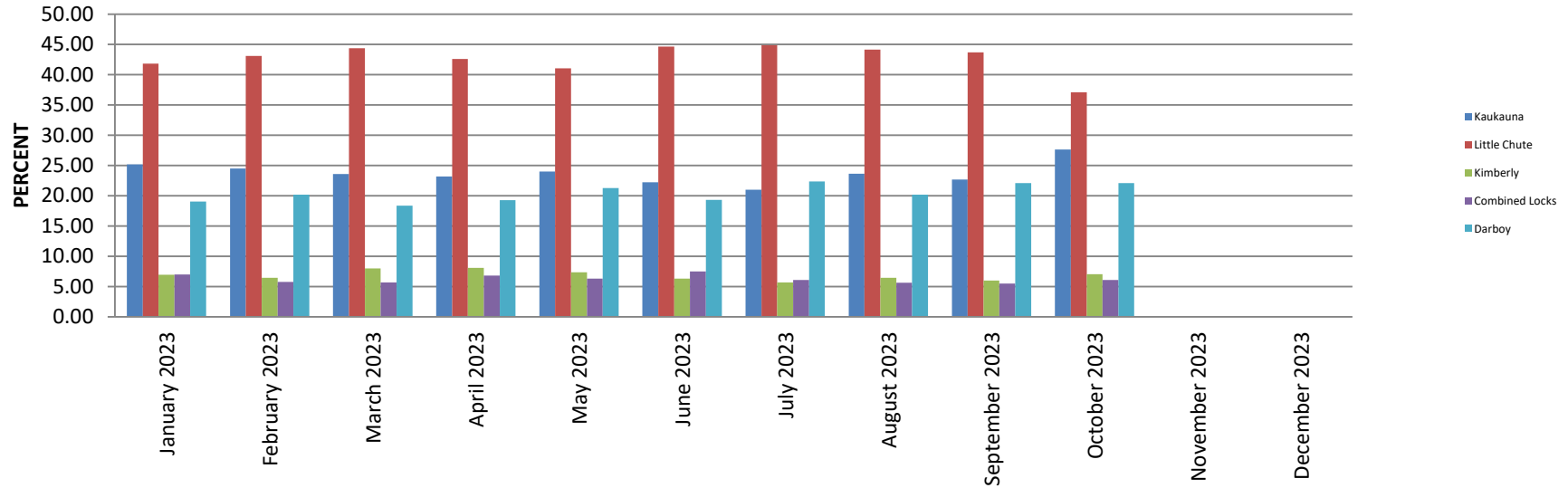
% CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	25.17	41.83	6.96	7.01	19.03
February 2023	24.49	43.10	6.43	5.78	20.20
March 2023	23.59	44.37	8.00	5.67	18.37
April 2023	23.20	42.61	8.11	6.81	19.26
May 2023	24.01	41.04	7.34	6.32	21.29
June 2023	22.22	44.65	6.32	7.49	19.32
July 2023	20.99	44.90	5.66	6.10	22.35
August 2023	23.62	44.13	6.44	5.62	20.20
September 2023	22.68	43.71	5.99	5.50	22.11
October 2023	27.65	37.11	7.05	6.10	22.09
November 2023					
December 2023					

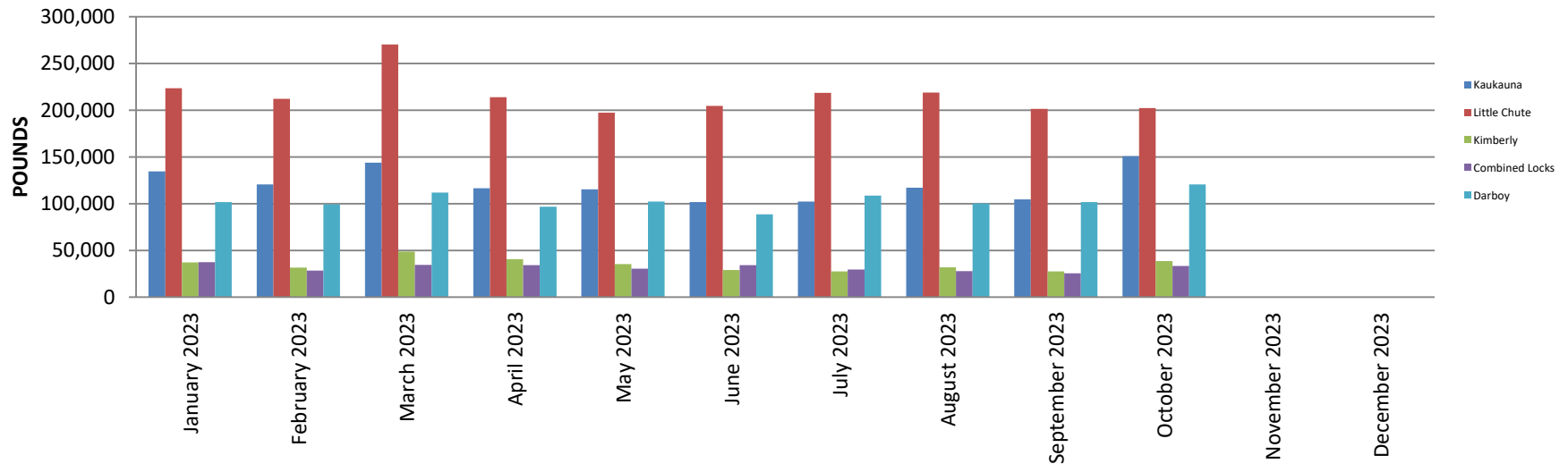
POUNDS CONTRIBUTION BY COMMUNITY - B.O.D. POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	134,417	223,380	37,167	37,435	101,643
February 2023	120,535	212,140	31,664	28,427	99,442
March 2023	143,738	270,282	48,712	34,533	111,936
April 2023	116,459	213,951	40,726	34,205	96,716
May 2023	115,467	197,329	35,281	30,386	102,393
June 2023	101,804	204,574	28,944	34,325	88,524
July 2023	102,141	218,456	27,536	29,671	108,718
August 2023	117,076	218,758	31,922	27,850	100,116
September 2023	104,447	201,301	27,587	25,349	101,812
October 2023	150,758	202,306	38,452	33,264	120,442
November 2023					
December 2023					

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



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



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

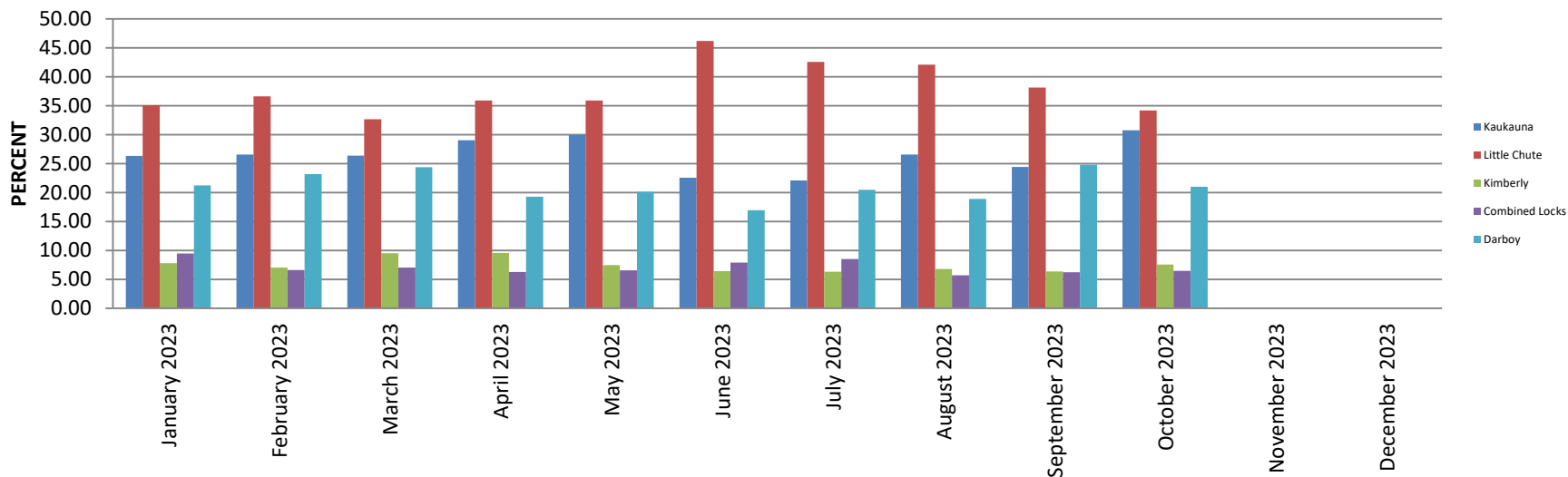
% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	26.33	35.11	7.82	9.49	21.24
February 2023	26.58	36.61	7.03	6.59	23.20
March 2023	26.39	32.68	9.52	7.05	24.36
April 2023	29.02	35.90	9.55	6.27	19.26
May 2023	29.96	35.88	7.46	6.57	20.12
June 2023	22.55	46.18	6.43	7.89	16.95
July 2023	22.08	42.58	6.34	8.52	20.47
August 2023	26.56	42.07	6.78	5.72	18.88
September 2023	24.44	38.14	6.35	6.25	24.82
October 2023	30.78	34.17	7.58	6.49	20.98
November 2023					
December 2023					

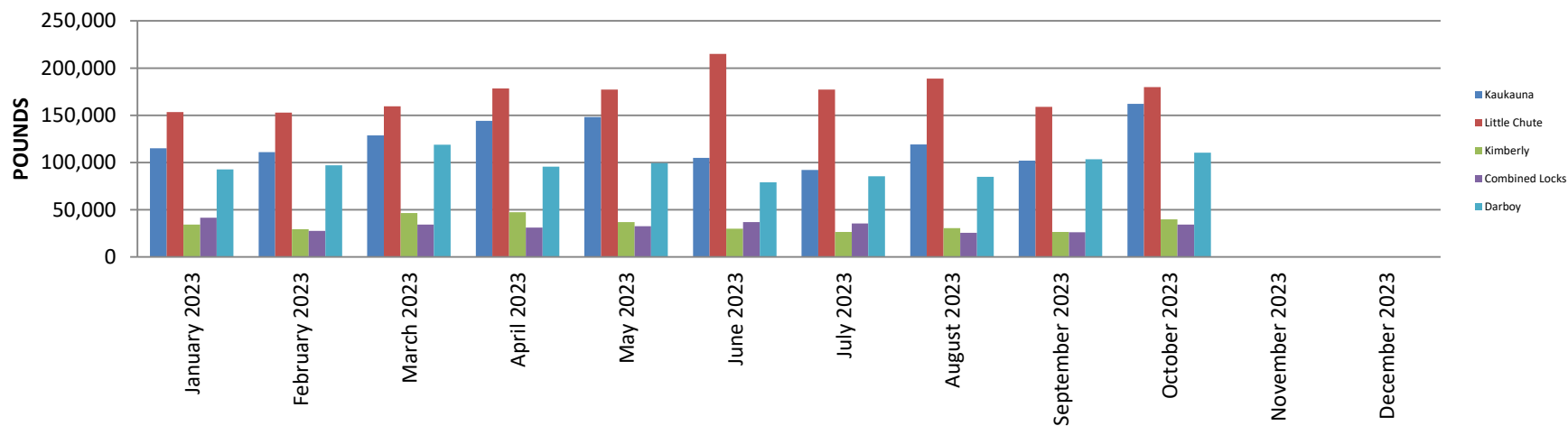
POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	114,976	153,300	34,163	41,452	92,726
February 2023	111,023	152,901	29,366	27,510	96,901
March 2023	128,722	159,420	46,446	34,391	118,815
April 2023	144,144	178,365	47,436	31,164	95,673
May 2023	148,038	177,288	36,882	32,477	99,395
June 2023	104,990	215,019	29,937	36,758	78,929
July 2023	91,968	177,324	26,424	35,494	85,255
August 2023	119,206	188,853	30,419	25,663	84,750
September 2023	101,839	158,935	26,468	26,061	103,414
October 2023	162,070	179,906	39,897	34,173	110,442
November 2023					
December 2023					

% CONTRIBUTION BY COMMUNITY -TOTAL SUSPENDED SOLIDS POUNDS



POUNDS CONTRIBUTION BY COMMUNITY - TOTAL SUSPENDED SOLIDS POUNDS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

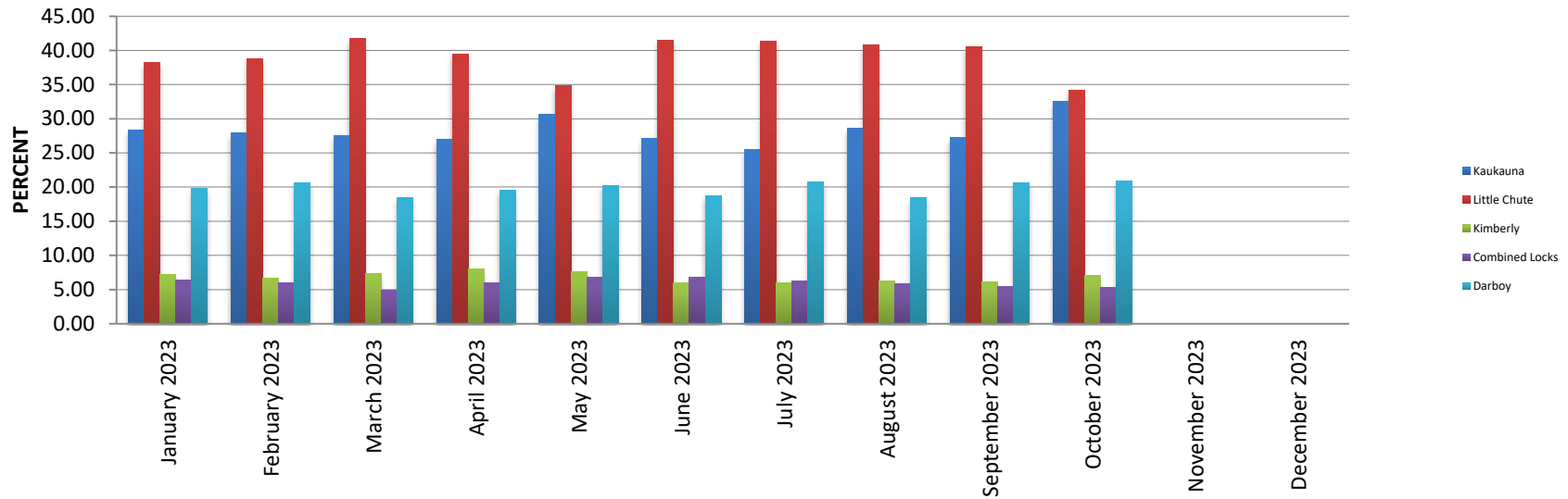
% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	28.38	38.18	7.20	6.39	19.84
February 2023	27.92	38.79	6.66	5.97	20.66
March 2023	27.55	41.70	7.39	4.91	18.46
April 2023	27.00	39.50	8.00	6.00	19.50
May 2023	30.62	34.83	7.61	6.74	20.19
June 2023	27.07	41.49	5.93	6.82	18.69
July 2023	25.53	41.36	6.05	6.25	20.81
August 2023	28.56	40.81	6.30	5.80	18.52
September 2023	27.21	40.54	6.19	5.46	20.60
October 2023	32.55	34.12	7.02	5.38	20.93
November 2023					
December 2023					

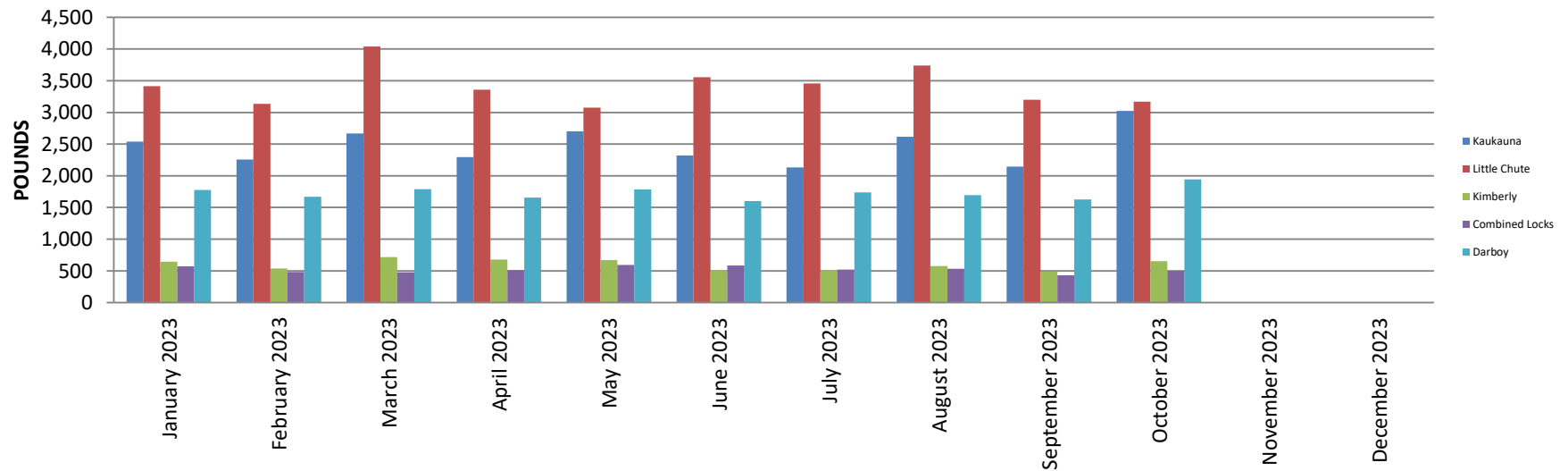
POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	2,538	3,415	644	572	1,775
February 2023	2,257	3,137	539	483	1,670
March 2023	2,669	4,040	716	476	1,789
April 2023	2,296	3,359	680	510	1,658
May 2023	2,703	3,075	672	595	1,783
June 2023	2,320	3,555	509	584	1,601
July 2023	2,133	3,455	506	522	1,738
August 2023	2,616	3,738	577	532	1,697
September 2023	2,147	3,200	489	431	1,626
October 2023	3,025	3,171	652	500	1,945
November 2023					
December 2023					

% CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS



POUNDS CONTRIBUTION BY COMMUNITY - PHOSPHORUS POUNDS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

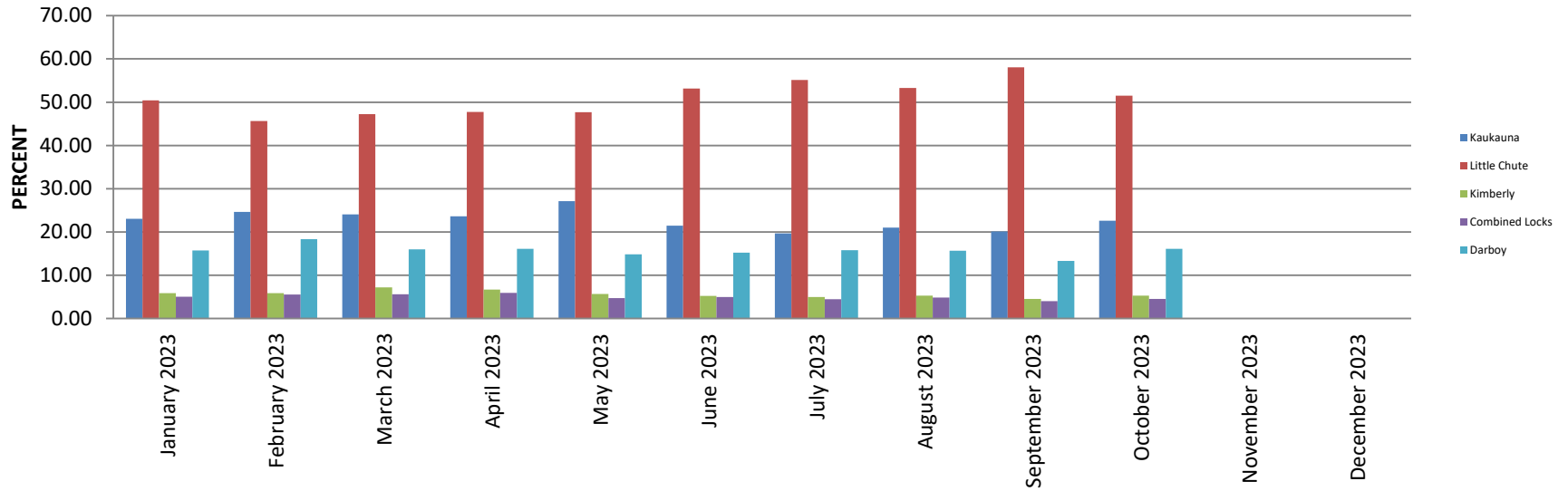
% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	23.02	50.41	5.82	5.00	15.74
February 2023	24.61	45.65	5.86	5.52	18.35
March 2023	24.08	47.21	7.17	5.58	15.96
April 2023	23.61	47.72	6.69	5.90	16.08
May 2023	27.10	47.66	5.66	4.72	14.86
June 2023	21.44	53.18	5.19	4.95	15.24
July 2023	19.64	55.10	4.98	4.47	15.81
August 2023	20.99	53.28	5.25	4.81	15.66
September 2023	20.14	58.07	4.51	4.01	13.27
October 2023	22.61	51.50	5.26	4.52	16.11
November 2023					
December 2023					

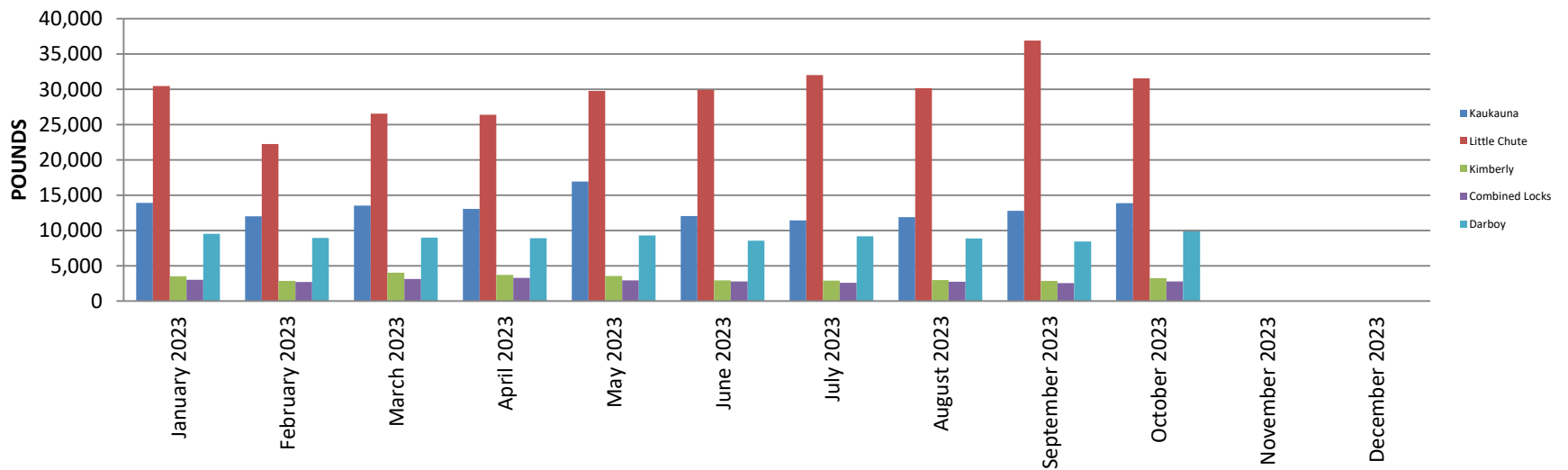
POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	13,909	30,459	3,515	3,024	9,511
February 2023	11,990	22,239	2,857	2,691	8,942
March 2023	13,528	26,528	4,028	3,136	8,970
April 2023	13,060	26,397	3,702	3,262	8,892
May 2023	16,929	29,771	3,535	2,949	9,281
June 2023	12,055	29,900	2,916	2,786	8,569
July 2023	11,404	31,995	2,893	2,595	9,182
August 2023	11,877	30,141	2,971	2,723	8,862
September 2023	12,793	36,891	2,868	2,548	8,431
October 2023	13,856	31,557	3,225	2,768	9,873
November 2023					
December 2023					

% CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS



POUNDS CONTRIBUTION BY COMMUNITY - AMMONIA POUNDS



HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT

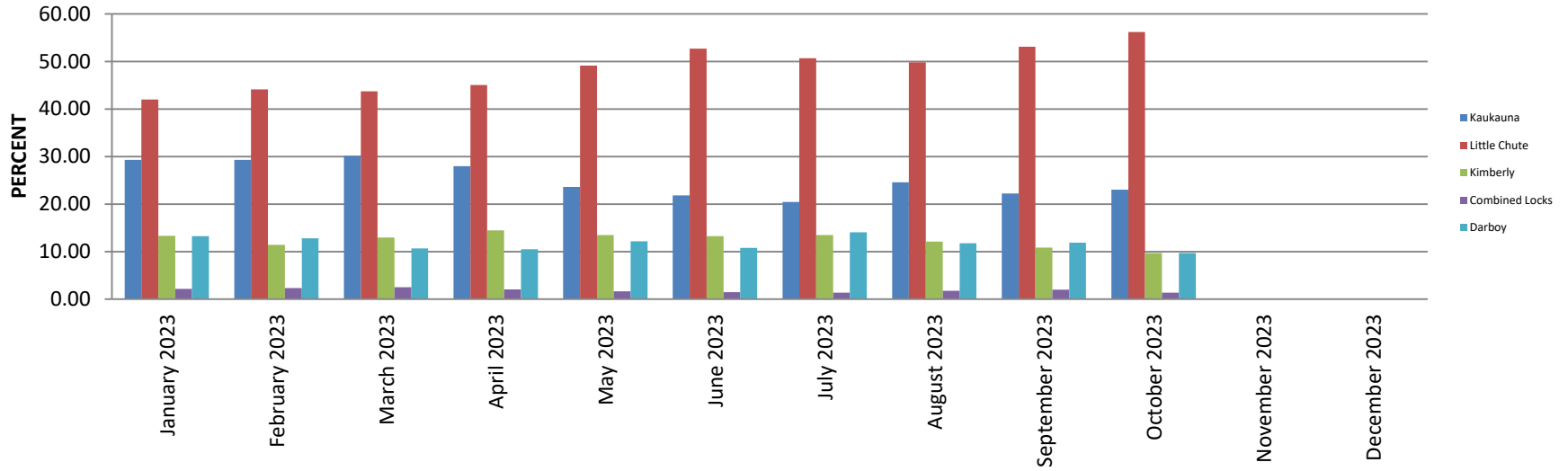
% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	29.28	41.98	13.33	2.15	13.27
February 2023	29.30	44.12	11.44	2.35	12.79
March 2023	30.17	43.70	12.96	2.53	10.64
April 2023	27.99	45.05	14.44	2.04	10.48
May 2023	23.59	49.13	13.47	1.63	12.19
June 2023	21.82	52.67	13.24	1.46	10.81
July 2023	20.44	50.66	13.50	1.37	14.03
August 2023	24.58	49.84	12.08	1.74	11.77
September 2023	22.21	53.09	10.82	1.99	11.89
October 2023	23.00	56.22	9.70	1.37	9.71
November 2023					
December 2023					

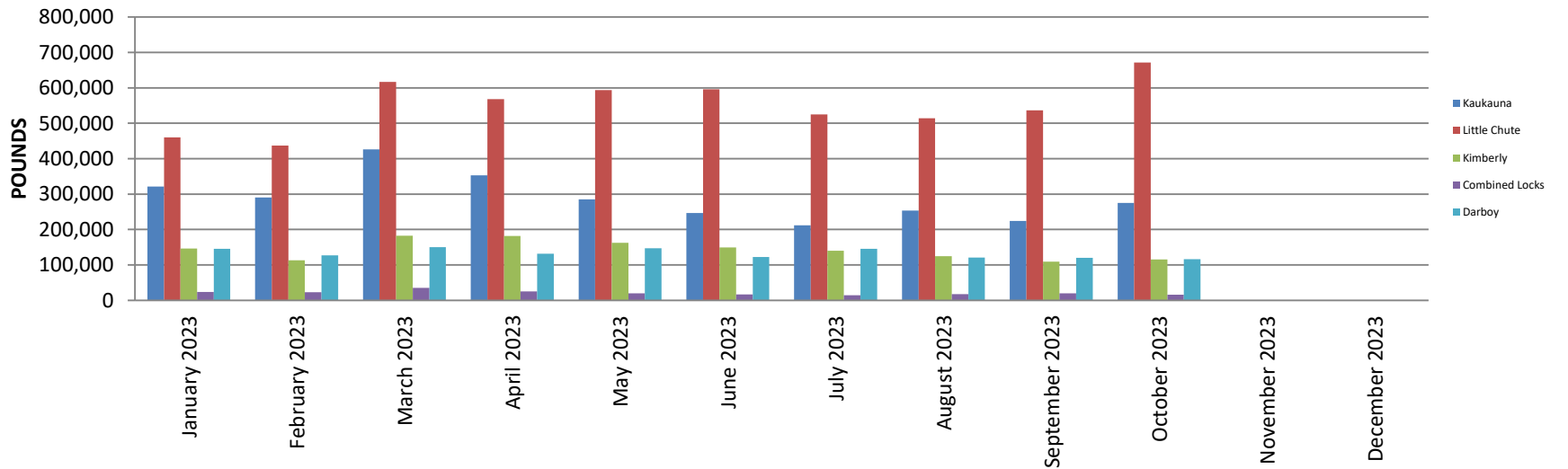
POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

	<u>Kaukauna</u>	<u>Little Chute</u>	<u>Kimberly</u>	<u>Combined Locks</u>	<u>Darboy</u>
January 2023	321,036	460,286	146,148	23,524	145,533
February 2023	290,450	437,395	113,420	23,313	126,799
March 2023	425,992	617,025	182,965	35,759	150,191
April 2023	352,879	567,857	182,004	25,710	132,083
May 2023	285,019	593,668	162,721	19,661	147,264
June 2023	246,740	595,622	149,772	16,545	122,274
July 2023	211,770	524,939	139,900	14,192	145,426
August 2023	253,514	514,156	124,625	17,906	121,290
September 2023	224,424	536,360	109,292	20,094	120,165
October 2023	274,850	671,740	115,846	16,337	115,997
November 2023					
December 2023					

% CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS



POUNDS CONTRIBUTION BY COMMUNITY - CHLORIDE POUNDS

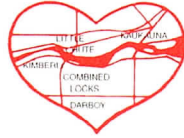


DISTRICT DIRECTOR:

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: October

Year: 2023

Gallons of Final Effluent Purchased (Billing)

<u>Date</u>	<u>Gallons</u>	<u>Date</u>	<u>Gallons</u>
10/1/2023	0	10/21/2023	3,113,000
10/2/2023	0	10/22/2023	3,110,000
10/3/2023	0	10/23/2023	3,346,000
10/4/2023	16,000	10/24/2023	3,471,000
10/5/2023	809,000	10/25/2023	3,443,000
10/6/2023	765,000	10/26/2023	3,446,000
10/7/2023	431,000	10/27/2023	3,204,000
10/8/2023	232,000	10/28/2023	3,328,000
10/9/2023	759,000	10/29/2023	2,851,000
10/10/2023	1,420,000	10/30/2023	2,651,000
10/11/2023	2,489,000	10/31/2023	2,844,000
10/12/2023	3,062,000		
10/13/2023	2,937,000		
10/14/2023	3,158,000	Total:	68,516,000
10/15/2023	2,876,000		
10/16/2023	2,477,000		
10/17/2023	2,918,000		
10/18/2023	3,130,000		
10/19/2023	3,115,000		
10/20/2023	3,115,000		

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

Attn: Account # N2310E

MONTHLY BILLING

Month: October

Year: 2023

GALLONS PURCHASED: 68,516,000

BILLING RATE: \$0.1730911 PER 1000 GALLONS

TOTAL AMOUNT DUE: \$11,859.51

**Heart of the Valley
Metropolitan Sewerage District**

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

2023

Final Effluent Sent to Fox Energy Facility

Gallons: 829,970,500

Charge Per 1000 Gallons: \$0.1730911 Per 1000 Gallons

Sale of Final Effluent (Revenue Collected): \$143,660.51