

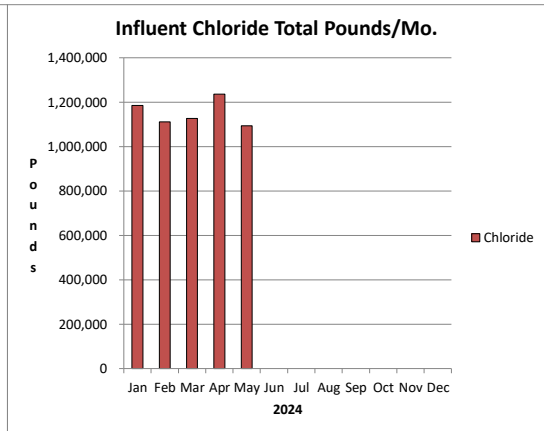
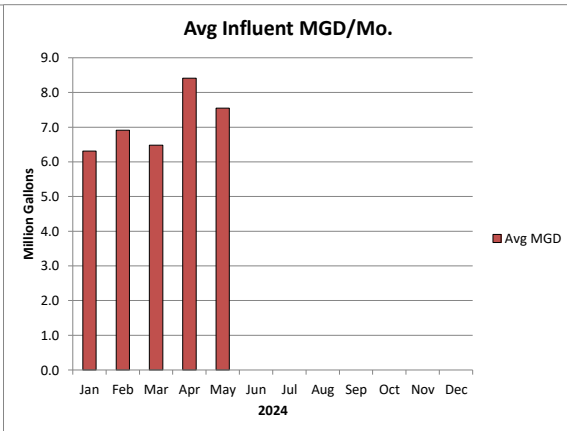
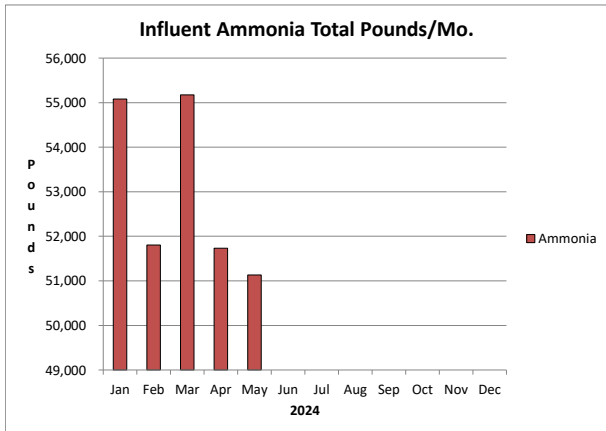
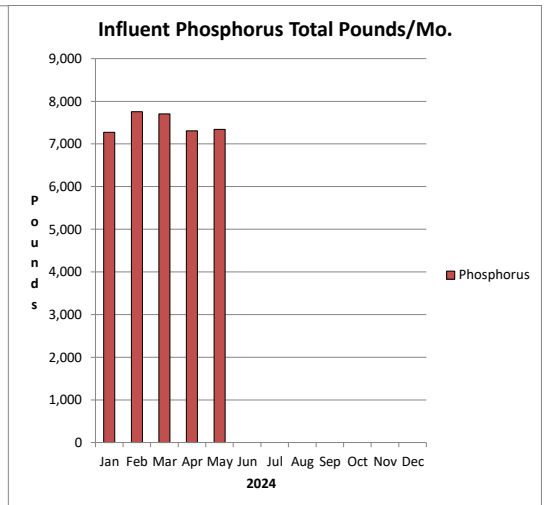
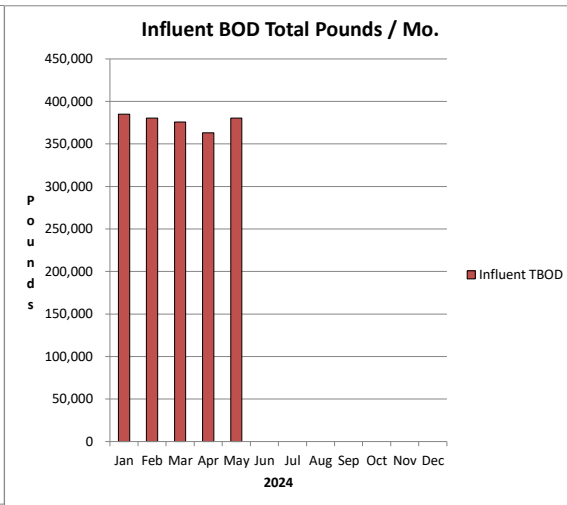
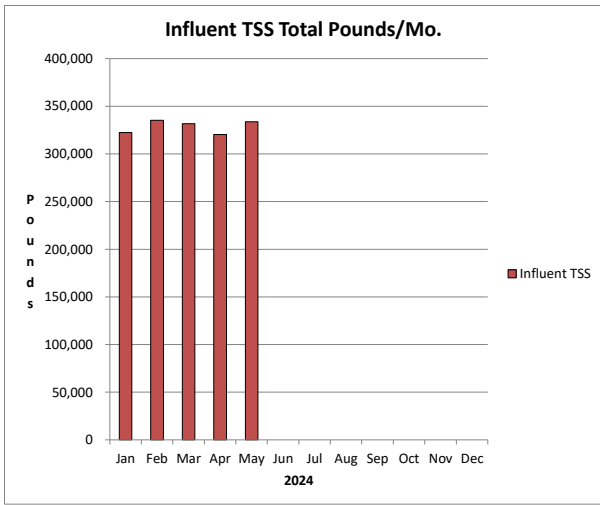
**RAW INFLUENT STRENGTH ( Heart of the Valley Metropolitan Sewerage Facility)**

**May 2024**

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	195.7	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																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
<b>Average</b>	216.7	7.1	189	11,131	328,704	217	12,778	376,927	4.35	256	7,476	30.6	1,800	52,985	660	38,987	1,150,650
<b>Yearly Total</b>	1,083.4				1,643,519			1,884,634			37,382			264,927			5,753,252
*Includes Hauled Waste [Plant Design Capacity] =																	
		8.5		13,565			12,209			339			1,600				
(Hauled Waste Gallons): 196,060																	
		11.9		16,278			14,651			407			1,920				
May % of Capacity	=	63%		68%			86%			61%			89%				
May Max Daily Flow	=	12.88															

**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	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																																																																																																																																																																																						
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<b>Average</b>	131.6	4.3	8.3	294	9,104	7.1	247.3	7,557	0.33	11.6	343.7	0.28	9.9	291.2	659																																																																																																																																																																																						
<b>Yearly Total</b>	657.9				45,518			37,784			1,719			1,456.2																																																																																																																																																																																							
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# RAIN GAUGES

## DAILY RAINFALL TOTALS

MONTH: MAY

YEAR: 2024

<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	0.04	0.05	0.07	0.07	0.08
2	0.14	0.16	0.18	0.15	0.20
3	0.02	0.01	0.02	0.02	0.02
4	0.00	0.01	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	0.46	0.43	0.55	0.47	0.57
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
10	0.14	0.15	0.15	0.16	0.20
11	0.00	0.00	0.00	0.00	0.00
12	0.01	0.00	0.01	0.00	0.02
13	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00
15	0.01	0.05	0.01	0.03	0.04
16	0.20	0.21	0.23	0.22	0.20
17	0.01	0.01	0.01	0.00	0.00
18	0.29	0.30	0.25	0.25	0.15
19	0.01	0.00	0.00	0.00	0.00
20	0.23	0.24	0.25	0.27	0.31
21	0.47	0.52	0.62	0.57	0.63
22	0.00	0.00	0.01	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00
24	0.18	0.19	0.20	0.19	0.10
25	0.00	0.00	0.01	0.01	0.04
26	0.90	0.98	1.18	0.73	0.95
27	0.22	0.31	0.32	0.54	0.28
28	0.58	0.43	0.20	0.25	0.20
29	0.01	0.01	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
<b>TOTAL:</b>	3.92	4.06	4.27	3.93	3.99