

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

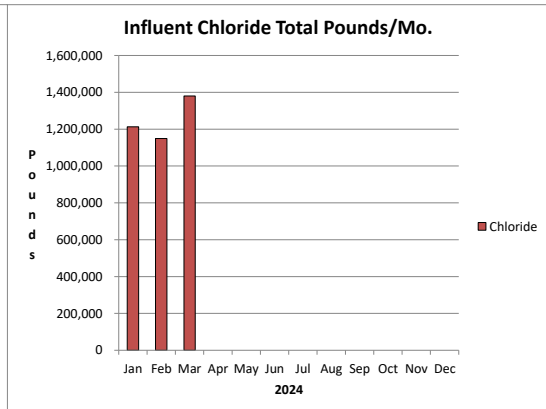
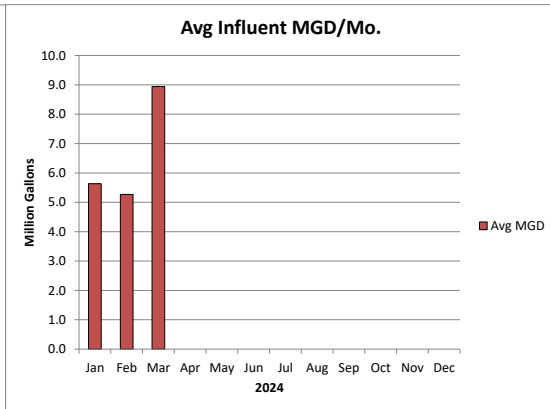
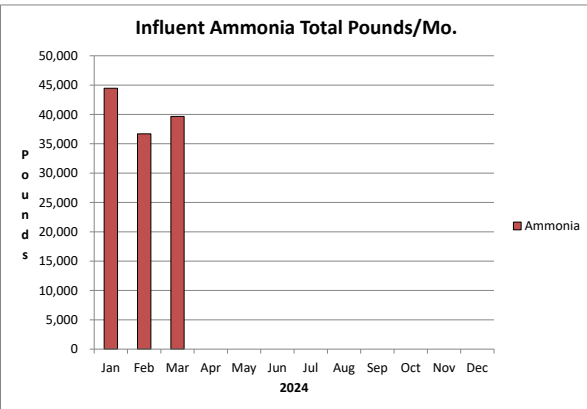
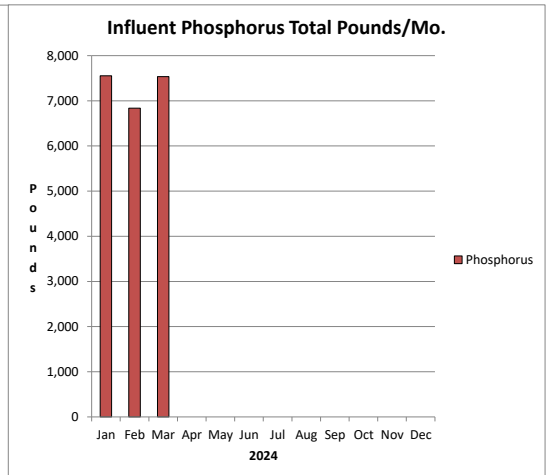
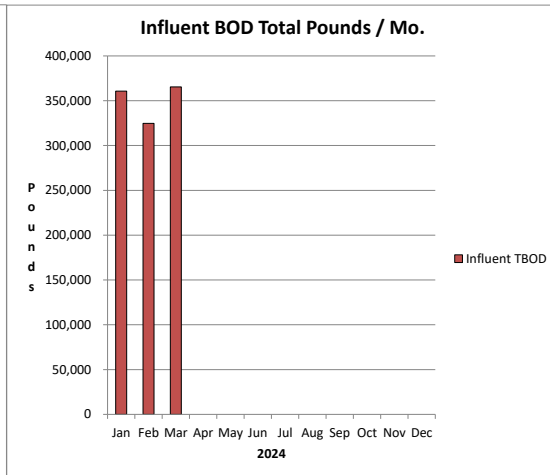
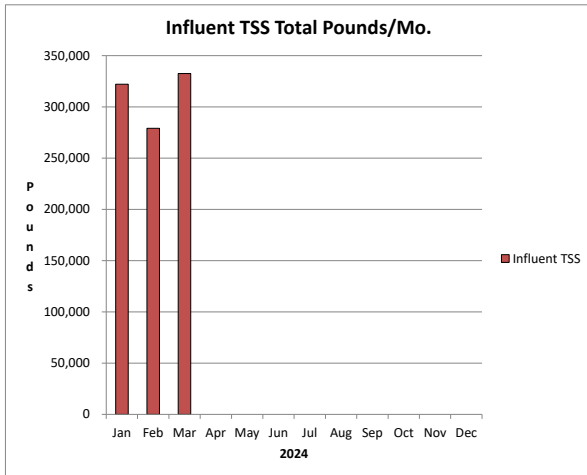
March 2025

	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	174.7	5.6	222	10,455	322,127	248	11,674	360,678	5.29	249	7,553	30.6	1440	44,474	843	39,624	1,212,802
Feb	147.6	5.3	230	10,098	279,089	268	11,778	324,733	5.66	249	6,835	30.5	1340	36,699	950	41,761	1,148,991
Mar	277.2	8.9	152	11,347	332,596	170	12,664	365,456	3.53	263	7,536	18.9	1410	39,658	631	47,047	1,380,026
Apr																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	199.8	6.6	201	10,633	311,271	229	12,039	350,289	4.83	254	7,308	26.7	1,397	40,277	808	42,811	1,247,273
Yearly Total	599.5				933,812			1,050,867			21,925			120,831			3,741,820
*Includes Hauled Waste [Plant Design Capacity] =		8.5		13,565			12,209			339			1,600				
(Hauled Waste Gallons) 289,580																	
[Max Design Capacity] =		11.9		16,278			14,651			407			1,920				
March % of Capacity =		75%		70%			86%			65%			73%				

March Max Daily Flow = 7.06

EFFLUENT QUALITY

{PERMIT LIMITS (WDNR) →			Monthly (Avg) Weekly (Avg) Daily Max (mg/L)		801#	Monthly Avg Weekly Avg WLA May-Oct		30 mg/L	Monthly Avg 6 mo Avg Daily Max mg/L		31.5#	Monthly Avg Limit Jan- March10 mg/L April-May11 mg/L June-Sept4.4 mg/L Oct- Dec18 mg/L			
					1345#			45 mg/L			10.5#				
					30						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	97.5	3.1	5.3	140	4,282	7.8	205	6,203	0.31	8.3	252	0.35	9.3	340	862
Feb	77.9	2.8	5.4	126	3,597	8.3	193	5,254	0.25	5.9	161	0.39	9.0	273	950
Mar	231.8	7.5	5.4	337	10,762	6.4	398	11,445	0.16	10.0	278	0.87	54.1	1,049	645
Apr															
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
Average	135.7	4.5	5.4	201	6,214	7.5	265.2	7,634	0.24	8.0	230.4	0.54	24.1	554.2	819
Yearly Total	407.1				18,641			22,902			691			1,662.5	
Effluent Gallons to Fox Energy (March)			March	Avg #'s				6 mo. Avg #'s		6.70	Nov-April				
			WEEK 1	274											
			WEEK 2	175											
			WEEK 3	282											
			WEEK 4	486											
Million Gallons															
48.10		17%													



RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: MARCH

YEAR: 2025

<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	0.01	0.01	0.01	0.01	0.00
4	0.43	0.44	0.46	0.45	0.44
5	0.80	0.62	0.70	0.72	0.74
6	0.00	0.00	0.04	0.05	0.06
7	0.00	0.00	0.00	0.01	0.01
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	0.31	0.32	0.33	0.33	0.33
20	0.29	0.03	0.24	0.26	0.28
21	0.01	0.00	0.01	0.05	0.08
22	0.00	0.00	0.00	0.00	0.00
23	0.10	0.07	0.05	0.05	0.04
24	0.13	0.09	0.18	0.16	0.13
25	0.00	0.03	0.00	0.06	0.12
26	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00
28	0.05	0.05	0.05	0.04	0.03
29	0.50	0.43	0.53	0.54	0.54
30	0.32	0.26	0.32	0.31	0.30
31	0.04	0.01	0.02	0.05	0.07
TOTAL:	2.99	2.36	2.94	3.06	3.17