

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

May 2026

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	195.1	6.3	191	10,044	301,141	207	10,854	326,560	5.57	293	9,104	29.1	1527	46,377	827	43,402	1,336,673
Feb	169.9	6.1	203	10,280	277,929	200	10,102	275,464	5.90	298	8,139	29.2	1476	40,090	890	45,038	1,255,522
Mar	285.6	9.2	150	11,528	341,852	134	10,328	298,925	3.97	305	8,490	20.0	1538	41,973	740	56,861	1,750,194
Apr	375.7	12.5	139	14,551	389,393	118	12,325	328,049	3.20	334	8,829	14.1	1474	39,548	554	57,840	1,595,250
May	217.1	7.0	202	11,807	363,536	186	10,839	335,041	4.66	272	8,169	24.5	1431	44,402	785	45,819	1,412,126
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	248.7	8.2	177	11,642	334,770	169	10,890	312,808	4.66	300	8,546	23.4	1,489	42,478	759	49,792	1,469,953
Yearly Total	1,243.3				1,673,851			1,564,040			42,731			212,391			7,349,765
*Includes Hauled Waste																	
[Plant Design Capacity] = 8.5																	
[Hauled Waste Gallons] = 284,090																	
[Max Design Capacity] = 11.9																	
May % of Capacity = 59%																	
May Max Daily Flow = 9.54																	
May Min Daily Flow = 5.798																	

[Plant Design Capacity]	=	8.5		13,565		12,209		339		1,600
[Hauled Waste Gallons]	=	284,090								
[Max Design Capacity]	=	11.9		16,278		14,651		407		1,920
May % of Capacity	=	59%		73%		74%		67%		75%
May Max Daily Flow	=	9.54								
May Min Daily Flow	=	5.798								

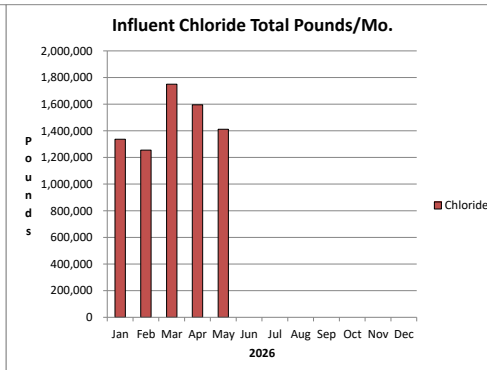
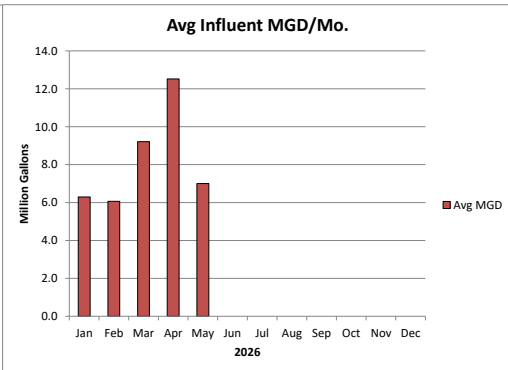
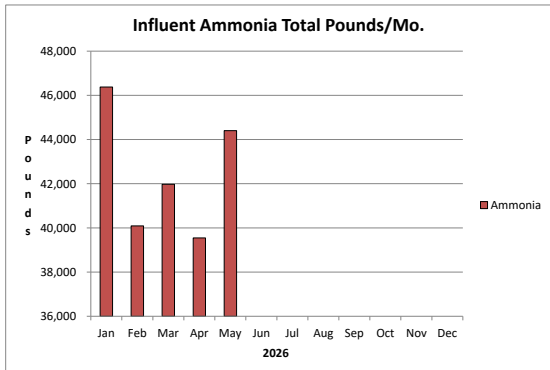
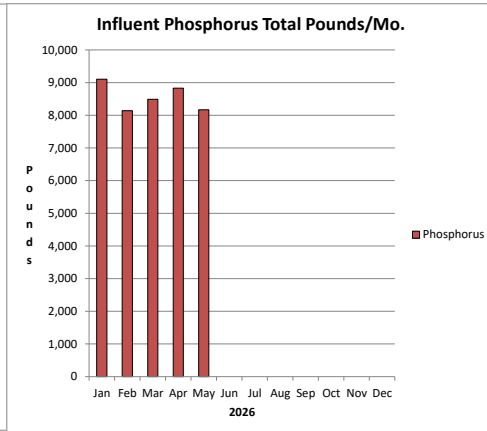
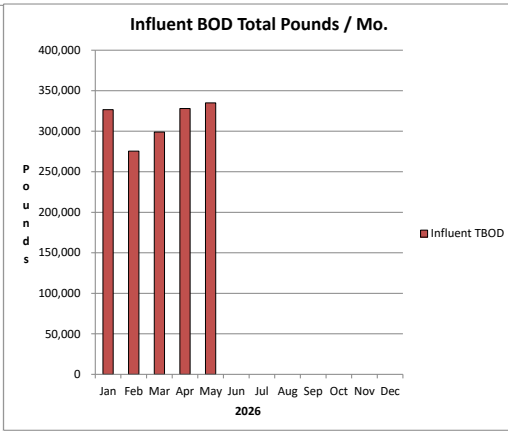
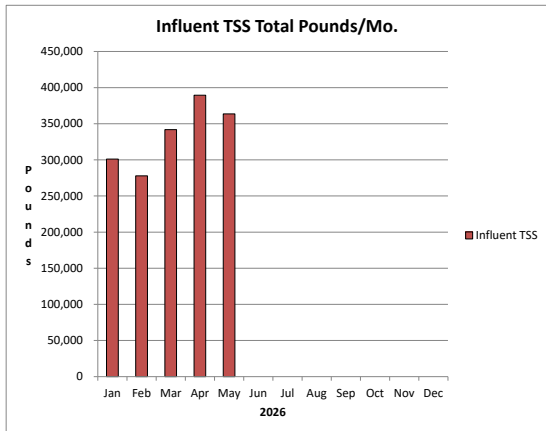
EFFLUENT QUALITY

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	114.0	3.7	3.6	111	3,432	4.4	135	4,136	0.30	9.2	273	0.48	14.8	429	819		
Feb	95.0	3.4	5.7	161	4,143	3.3	94	2,542	0.23	6.6	171	0.33	9.4	232	890		
Mar	195.4	6.3	3.8	198	5,587	4.3	227	7,093	0.14	7.3	219	0.19	10.0	224	733		
Apr	342.2	11.4	6.2	586	20,203	5.0	475	15,629	0.13	12.4	380	0.27	25.2	749	567		
May	148.7	4.8	4.6	182	5,632	4.9	195	5,734	0.19	7.5	233	0.32	12.7	409	788		
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	179.0	5.9	4.8	248	7,799	4.4	225.1	7,027	0.20	8.6	255.2	0.32	14.4	408.7	759		
Yearly Total	895.2				38,996			35,134			1,276			2,043.4			
Effluent Gallons to Fox Energy (May)																	
Million Gallons																	
68.39 32%																	
May Avg #'s																	
WEEK 1 228																	
WEEK 2 186																	
WEEK 3 183																	
WEEK 4 152																	
6 mo. Avg #'s 7.59 May-Oct																	

Monthly Avg Limit	10 mg/L
Jan- March	10 mg/L
April-May	11 mg/L
June-Sept	4.4 mg/L
Oct- Dec	18 mg/L

{PERMIT LIMITS (WDNR) →

Monthly (Avg)	700#	Monthly Avg	30 mg/L	Monthly Avg	31.5#
Weekly (Avg)	1100#	Weekly Avg	45 mg/L	6 mo Avg	10.5#
Daily Max (mg/L)	30			Daily Max mg/L	1.0



RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: MAY

YEAR: 2026

<u>DATE</u>	<u>PLANT</u> <u>INCHES</u>	<u>KAUKAUNA</u> <u>INCHES</u>	<u>LITTLE CHUTE</u> <u>INCHES</u>	<u>KIMBERLY</u> <u>INCHES</u>	<u>DARBOY</u> <u>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	0.14	0.16	0.18	0.16	0.14
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	0.09	0.09	0.11	0.12	0.12
17	1.09	1.00	1.22	1.14	1.11
18	0.01	0.01	0.01	0.01	0.02
19	0.05	0.06	0.06	0.04	0.05
20	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00
24	0.04	0.03	0.03	0.04	0.04
25	0.00	0.00	0.00	0.00	0.00
26	0.50	0.47	0.51	0.47	0.35
27	0.00	0.00	0.00	0.01	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
31	0.00	0.00	0.00	0.00	0.00
TOTAL:	1.92	1.82	2.12	1.99	1.83