

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

March 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																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	216.9	7.2	182	10,617	306,974	180	10,428	300,316	5.15	299	8,578	26.1	1,514	42,814	819	48,434	1,447,463
Yearly Total	650.6				920,922			900,949			25,733			128,441			4,342,389

*Includes Hauled Waste

[Plant Design Capacity] =	8.5	13,565	12,209	339	1,600
(Hauled Waste Gallons): 278,540					
[Max Design Capacity] =	11.9	16,278	14,651	407	1,920
March % of Capacity =	77%	71%	70%	75%	80%
March Max Daily Flow =	15.45				
March Min Daily Flow =	5.871				

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															
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
Average	134.8	4.5	4.4	157	4,387	4.0	151.9	4,590	0.22	7.7	221.1	0.34	11.4	295.2	814
Yearly Total	404.4				13,161			13,771			663			885.7	

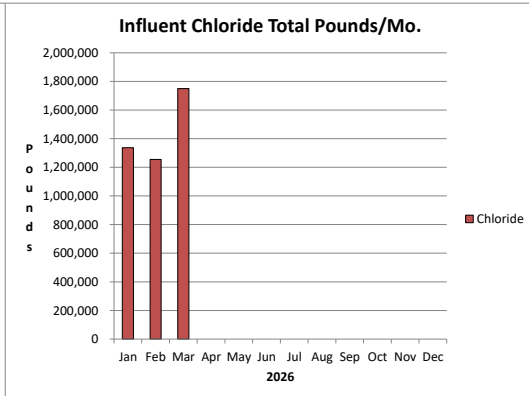
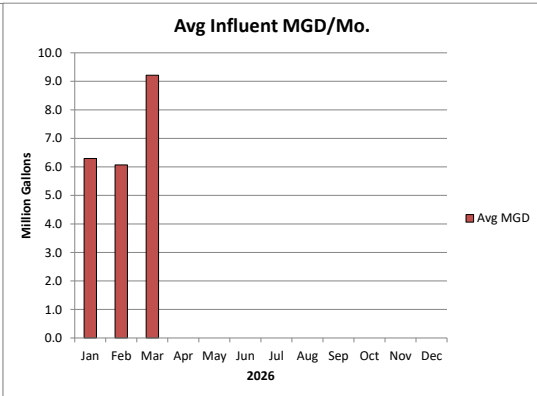
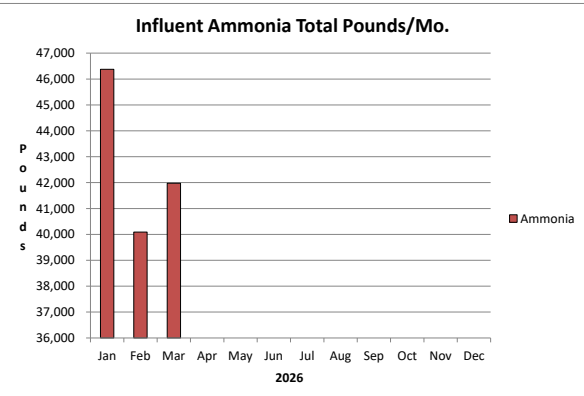
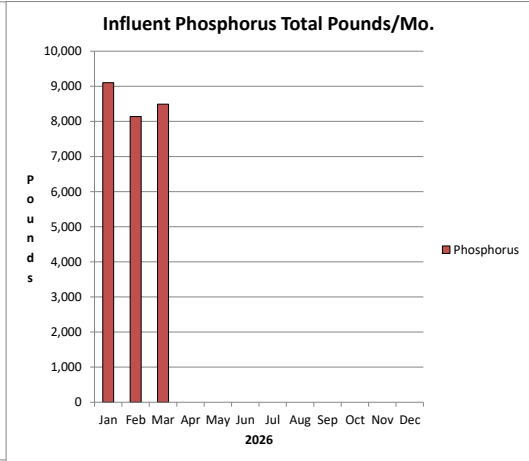
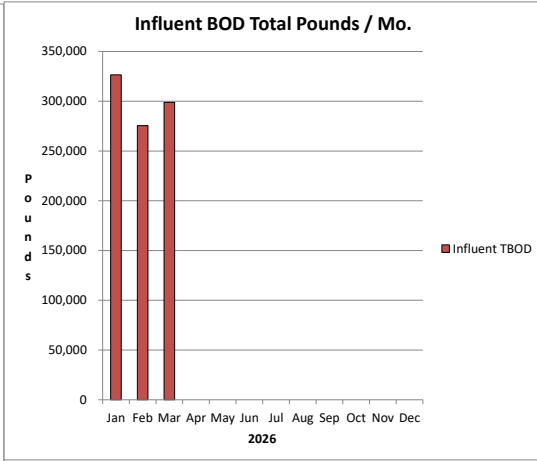
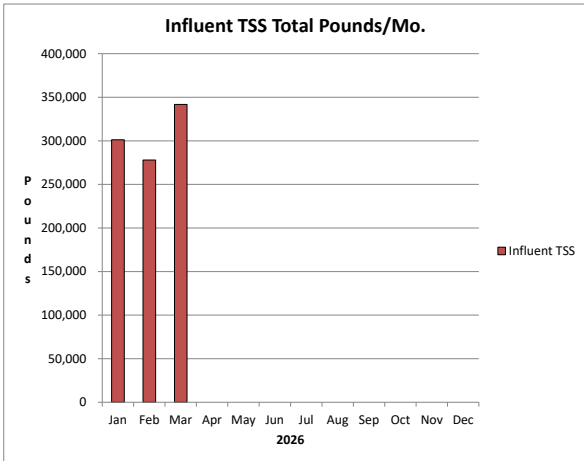
Monthly Avg Limit	
Jan- March	10 mg/L
April-May	11 mg/L
June-Sept	4.4 mg/L
Oct- Dec	18 mg/L

{PERMIT LIMITS (WDNR) →

Monthly (Avg)	650#	Monthly Avg	30 mg/L	Monthly Avg	31.5#
Weekly (Avg)	990#	Weekly Avg	45 mg/L	6 mo Avg	10.5#
Daily Max (mg/L)	30			Daily Max mg/L	1.0

Effluent Gallons to Fox Energy (March)	
Million Gallons	
90.17	32%

March	Avg #'s	6 mo. Avg #'s	Nov- April
WEEK 1	187	6.70	
WEEK 2	129		
WEEK 3	156		
WEEK 4	208		



RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: MARCH

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	0.01	0.00	0.00	0.00
5	0.01	0.01	0.00	0.00	0.00
6	0.32	0.27	0.24	0.15	0.26
7	0.57	0.65	0.71	0.68	0.74
8	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00
10	0.03	0.02	0.02	0.02	0.02
11	0.01	0.01	0.04	0.02	0.03
12	0.00	0.00	0.00	0.00	0.00
13	0.12	0.05	0.16	0.17	0.17
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	0.01	0.00	0.00	0.00
18	0.00	0.01	0.08	0.02	0.01
19	0.00	0.01	0.08	0.10	0.16
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	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00
26	0.06	0.05	0.06	0.04	0.03
27	0.00	0.00	0.00	0.00	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	0.31	0.26	0.26	0.25	0.17
TOTAL:	1.43	1.36	1.65	1.45	1.59