

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

June 2025

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	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	263.3	8.8	155	11,380	333,168	146	10,698	308,794	3.38	247	7,233	19.3	1413	42,849	578	42,344	1,292,043
May	244.2	7.9	162	10,655	324,351	169	11,072	335,218	4.14	272	7,456	21.6	1417	43,611	672	44,167	1,355,764
Jun	197.7	6.6	214	11,763	352,546	205	11,245	336,483	4.86	267	7,979	23.4	1286	38,299	775	42,622	1,292,333
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	217.5	7.2	189	10,950	323,979	201	11,522	338,560	4.48	258	7,432	24.0	1,384	40,932	742	42,928	1,280,327
Yearly Total	1,304.8				1,943,877			2,031,362			44,592			245,590			7,681,960
*Includes Hauled Waste																	
[Plant Design Capacity] =		8.5			13,565			12,209			339			1,600			
(Hauled Waste Gallons) 208,790																	
[Max Design Capacity] =		11.9			16,278			14,651			407			1,920			
June % of Capacity =		55%			72%			77%			66%			67%			

June Max Daily Flow = 7.45

EFFLUENT QUALITY

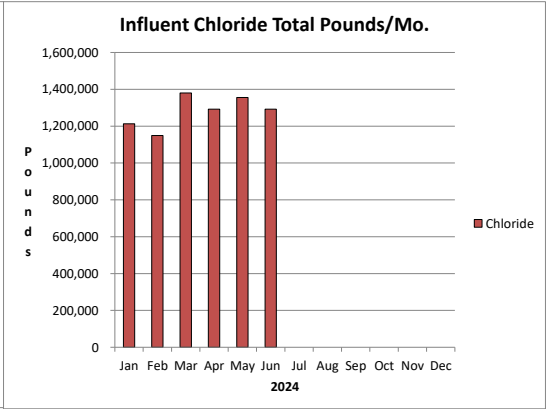
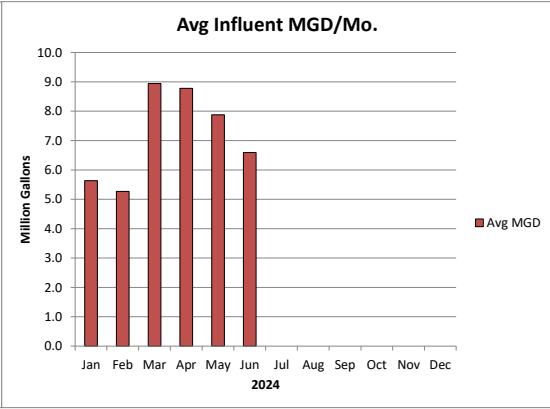
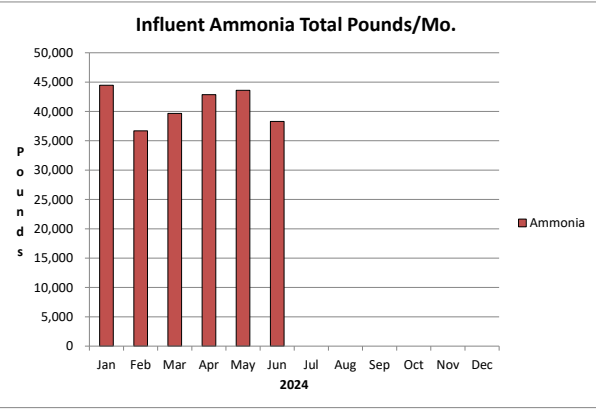
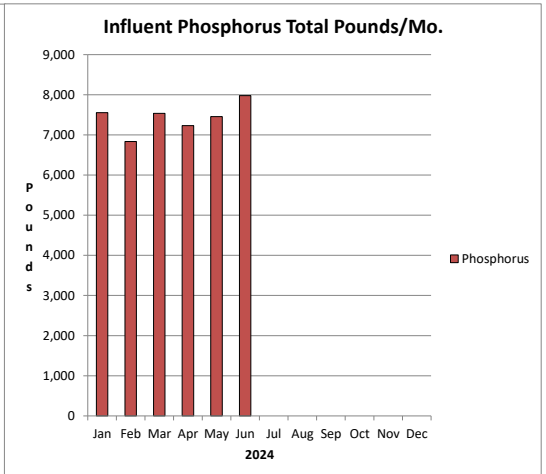
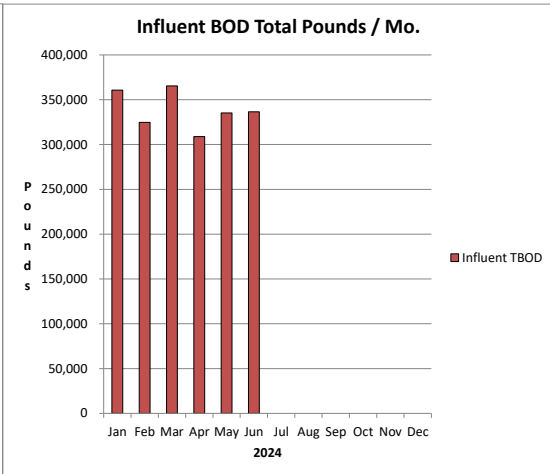
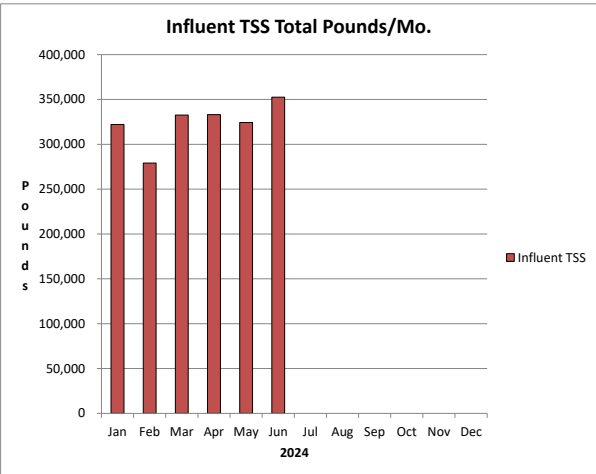
MONTH	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE	
	Million Gallons	Avg MGD	Avg mg/L	Avg #/day	Total # /Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	
Jan	97.5	3.1	5.3	140	4,282	7.8	205	6,203	0.31	8.3	252	0.35	9.3	340	862	
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	263.3	8.8	3.8	280	8,807	4.9	359	11,032	0.20	14.3	454	0.16	11.4	378	610	
May	236.9	7.6	4.9	309	9,288	5.2	332	9,758	0.20	12.7	378	0.21	13.5	381	700	
Jun	93.2	3.1	6.4	167	4,779	7.1	185	5,551	0.25	6.4	190	0.11	2.8	79	769	
Jul																
Aug																
Sep																
Oct																
Nov																
Dec																
Average	166.8	5.5	5.2	226	6,919	6.6	278.6	8,207	0.23	9.6	285.5	0.35	16.7	416.6	756	
Yearly Total	1,000.5				41,514			49,242			1,713			2,499.5		

{PERMIT LIMITS (WDNR) →	Monthly (Avg)	801#	Monthly Avg	30 mg/L	Monthly Avg	31.5#	Jan- March	10 mg/L
	Weekly (Avg)	1345#	Weekly Avg	45 mg/L	6 mo Avg	10.5#	April-May	11 mg/L
	Daily Max (mg/L)	30	WLA May-Oct		Daily Max mg/L	1.0	June-Sept	4.4 mg/L
							Oct- Dec	18 mg/L

Effluent Gallons to Fox Energy (June)	104.58	43%
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June	Avg #'s
WEEK 1	94
WEEK 2	202
WEEK 3	224
WEEK 4	118

6 mo. Avg #'s	9.31	Nov-April
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RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: JUNE

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	0.19	0.17	0.23	0.40	0.20
4	0.02	0.01	0.02	0.02	0.01
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	0.46	0.47	0.59	0.66	0.57
9	0.09	0.08	0.11	0.14	0.09
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	0.08	0.06	0.06	0.02	0.05
14	0.04	0.03	0.02	0.02	0.01
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	0.14	0.12	0.20	0.21	0.15
19	0.11	0.19	0.19	0.07	0.19
20	0.19	0.18	0.20	0.22	0.21
21	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00
23	0.38	0.27	0.13	0.20	0.14
24	0.06	0.03	0.07	0.07	0.01
25	0.21	0.09	0.28	0.27	0.27
26	0.50	0.09	0.40	0.26	0.32
27	0.00	0.11	0.02	0.03	0.01
28	0.00	0.03	0.00	0.00	0.00
29	0.08	0.02	0.16	0.21	0.25
30	0.00	0.05	0.00	0.05	0.01
TOTAL:	2.55	2.00	2.68	2.85	2.49