

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

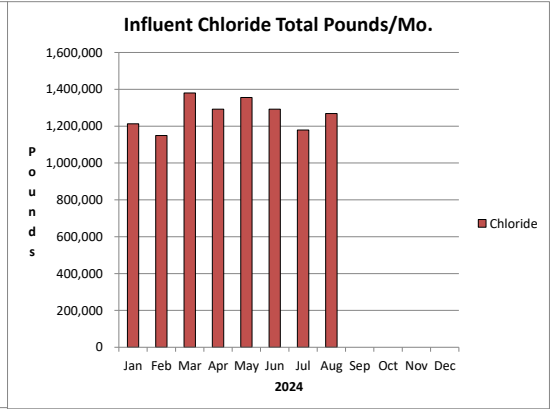
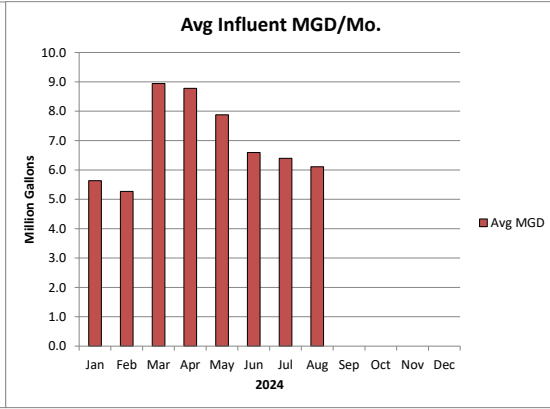
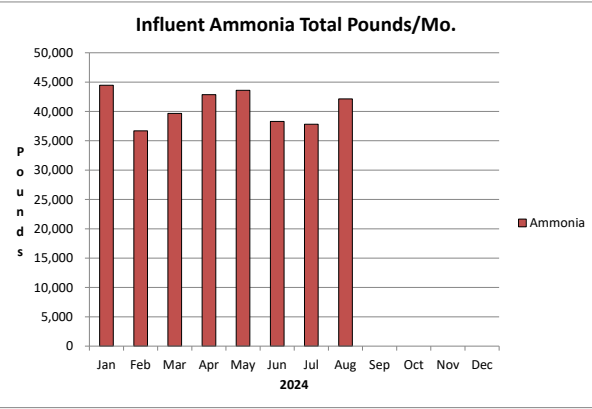
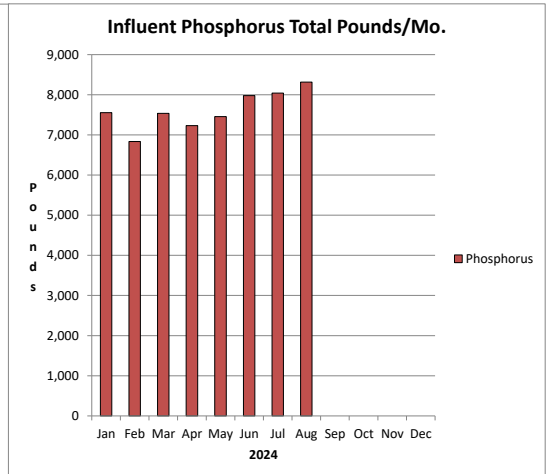
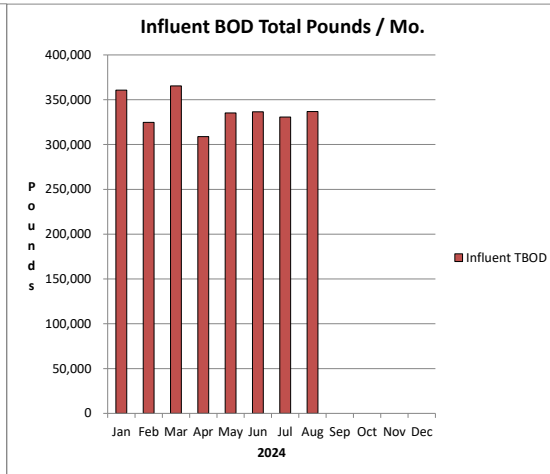
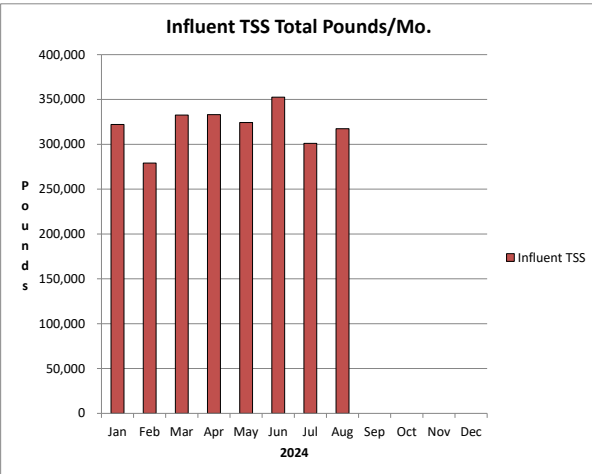
August 2025

	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	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	198.3	6.4	183	9,770	301,080	201	10,734	330,695	4.88	260	8,043	23.1	1232	37,827	726	38,762	1,179,153
Aug	189.3	6.1	202	10,291	317,398	214	10,907	336,823	5.38	274	8,317	26.8	1365	42,134	835	42,506	1,268,933
Sep																	
Oct																	
Nov																	
Dec																	
Average	211.5	6.9	190	10,720	320,294	203	11,346	337,360	4.64	260	7,619	24.3	1,363	40,694	751	42,354	1,266,256
Yearly Total	1,692.4				2,562,354			2,698,880			60,952			325,551			10,130,046
*Includes Hauled Waste																	
[Plant Design Capacity] =		8.5		13,565			12,209			339			1,600				
(Hauled Waste Gallons)	0																
[Max Design Capacity] =		11.9		16,278			14,651			407			1,920				
August % of Capacity =		51%		63%			74%			67%			71%				

August Max Daily Flow = 7.40

EFFLUENT QUALITY

{PERMIT LIMITS (WDNR)} →			Monthly (Avg)		801#	Monthly Avg		30 mg/L	Monthly Avg		31.5#	Jan- March		Monthly Avg Limit	
			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	
	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	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	84.7	2.7	5.0	114	3,677	6.3	143	4,390	0.27	6.2	190	0.18	4.1	131	761
Aug	77.4	2.5	7.9	164	5,303	7.6	157	4,993	0.37	7.7	235	0.23	4.7	132	816
Sep															
Oct															
Nov															
Dec															
Average	145.3	4.8	5.5	204	6,312	6.7	246.4	7,328	0.25	8.9	267.2	0.31	13.6	345.3	764
Yearly Total	1,162.6				50,495			58,625			2,138			2,762.5	
			August	Avg #'s							6 mo. Avg #'s	8.14	May-Oct		
			WEEK 1	101											
			WEEK 2	116											
			WEEK 3	210											
			WEEK 4	296											
Effluent Gallons to Fox Energy (August)															
Million Gallons															
111.95	59%														



RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: AUGUST

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	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.01	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	0.44	0.40	0.41	0.43	0.40
10	0.10	0.13	0.17	0.22	0.38
11	0.11	0.15	0.18	0.15	0.16
12	0.17	0.22	0.15	0.11	0.11
13	0.01	0.00	0.00	0.01	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	0.51	0.49	0.59	0.73	0.72
17	0.00	0.00	0.00	0.00	0.00
18	0.34	0.44	0.39	0.25	0.54
19	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00
21	0.01	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	0.01	0.01	0.01
25	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00
28	0.02	0.01	0.01	0.01	0.01
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:	1.71	1.84	1.91	1.93	2.33