

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

October 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	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	164.5	5.5	207	9,488	284,725	229	10,457	313,242	6.04	276	8,319	31.0	1419	42,387	857	39,174	1,165,294
Oct	169.1	5.5	228	10,383	320,109	234	10,660	329,351	6.09	277	8,496	30.6	1393	42,983	844	38,403	1,183,129
Nov																	
Dec																	
Average	202.6	6.7	196	10,563	316,719	208	11,189	334,147	4.93	264	7,777	25.6	1,372	41,092	771	41,641	1,247,847
Yearly Total	2,026.0				3,167,188			3,341,472			77,767			410,921			12,478,469
*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				
October % of Capacity =		46%		64%			73%			68%			73%				

October Max Daily Flow = 6.79

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	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	66.3	2.2	8.1	149	4,904	6.6	122	3,646	0.36	6.7	213	0.28	5.1	158	842
Oct	92.6	3.0	10.3	257	7,435	5.5	138	4,450	0.33	8.2	267	0.19	4.8	159	854
Nov															
Dec															
Average	132.1	4.3	6.3	204	6,283	6.6	223.1	6,672	0.27	8.6	261.7	0.30	11.9	308.0	781
Yearly Total	1,321.5				62,834			66,721			2,617			3,079.6	

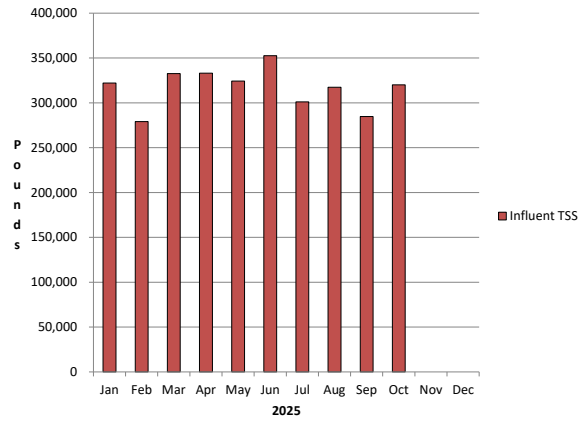
{PERMIT LIMITS (WDNR) →	Monthly (Avg)	801#	Monthly Avg	30 mg/L	Monthly Avg	31.5#	Jan- March	10 mg/L
	Weekly (Avg)	1345#	Weekly Avg	45 mg/L	6 mo Avg	10.5#	April-May	11 mg/L
	Daily Max (mg/L)	30	WLA May-Oct		Daily Max mg/L	1.0	June-Sept	4.4 mg/L
							Oct- Dec	18 mg/L

Effluent Gallons to Fox Energy (October)	66.26	40%
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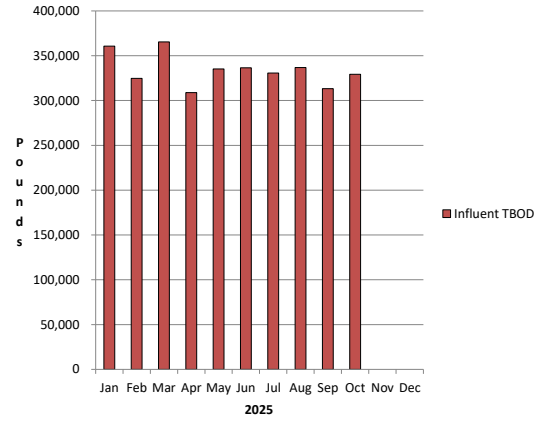
October	Avg #'s
WEEK 1	235
WEEK 2	193
WEEK 3	267
WEEK 4	268

6 mo. Avg #'s	7.98	May-Oct
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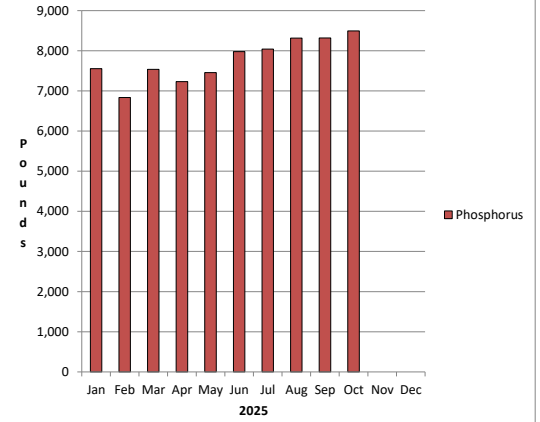
Influent TSS Total Pounds/Mo.



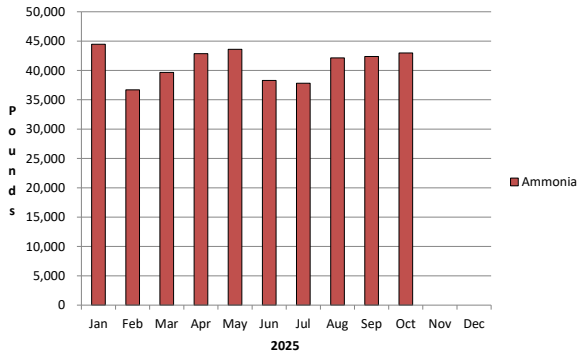
Influent BOD Total Pounds / Mo.



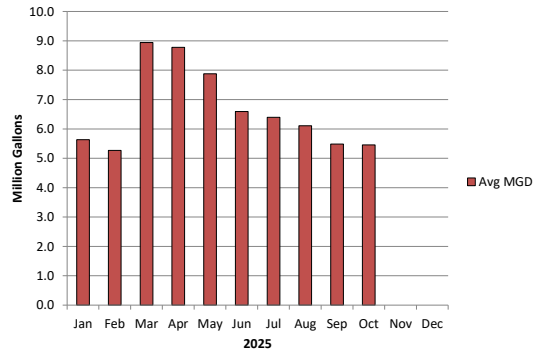
Influent Phosphorus Total Pounds/Mo.



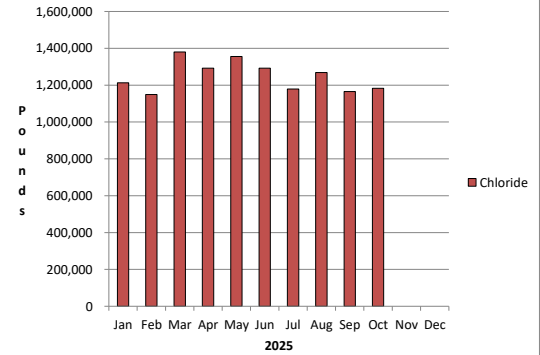
Influent Ammonia Total Pounds/Mo.



Avg Influent MGD/Mo.



Influent Chloride Total Pounds/Mo.



RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: OCTOBER

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	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00
6	0.17	0.15	0.18	0.19	0.18
7	0.00	0.00	0.00	0.00	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	0.05	0.05	0.05	0.07	0.06
14	0.10	0.09	0.11	0.09	0.08
15	0.06	0.06	0.05	0.06	0.06
16	0.09	0.09	0.12	0.14	0.07
17	0.00	0.00	0.00	0.00	0.00
18	0.29	0.33	0.25	0.28	0.30
19	0.27	0.21	0.28	0.29	0.26
20	0.05	0.05	0.05	0.05	0.05
21	0.10	0.12	0.11	0.18	0.15
22	0.05	0.06	0.04	0.09	0.06
23	0.01	0.00	0.00	0.00	0.01
24	0.00	0.00	0.00	0.00	0.00
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	0.01	0.00	0.00
28	0.01	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:	1.25	1.21	1.25	1.44	1.29