

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

January 2024

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	195.7	6.3	200	10,529	322,474	239	12,606	384,941	4.62	243	7,271	35.0	1,841	55,081	735	38,714	1,185,582
Feb																	
Mar																	
Apr																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	195.7	6.3	200	10,529	322,474	239	12,606	384,941	4.62	243	7,271	35.0	1,841	55,081	735	38,714	1,185,582
Yearly Total	195.7				322,474			384,941			7,271			55,081			1,185,582

*Includes Hauled Waste [Plant Design Capacity] =	8.5	13,565	12,209	339	1,600
(Hauled Waste Gallons): [Max Design Capacity] =	155,230 11.9	16,278	14,651	407	1,920
January % of Capacity =	53%	65%	86%	60%	96%

January Max Daily Flow = 8.09

EFFLUENT QUALITY

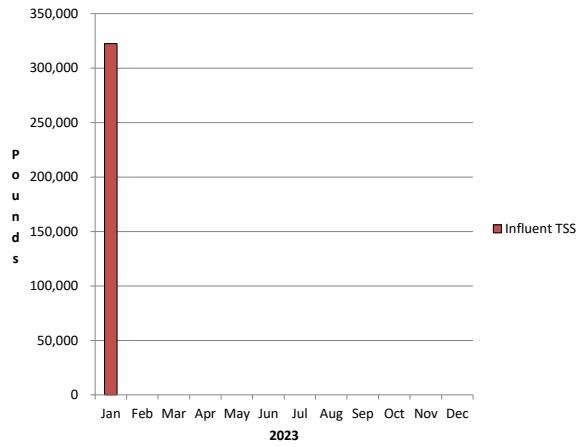
MONTH	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE
	Million Gallons	Avg MGD	Avg mg/L	Avg #/day	Total #/Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L	Avg #/day	Total # Month	Avg mg/L
Jan	109.3	3.5	11.8	346	10,416	10.3	304	9,284	0.40	11.9	357	0.38	11.3	329	755
Feb															
Mar															
Apr															
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
Average	109.3	3.5	11.8	346	10,416	10.3	303.6	9,284	0.40	11.9	356.5	0.38	11.3	328.7	755
Yearly Total	109.3				10,416			9,284			357			328.7	

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

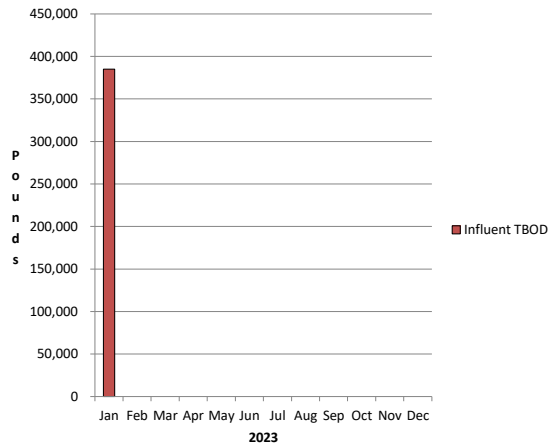
Effluent Gallons to Fox Energy (January)	January	Avg #'s
	WEEK 1	371
	WEEK 2	355
	WEEK 3	358
	WEEK 4	249
86.40	44%	

6 mo. Avg #'s 12.96 | Nov-April

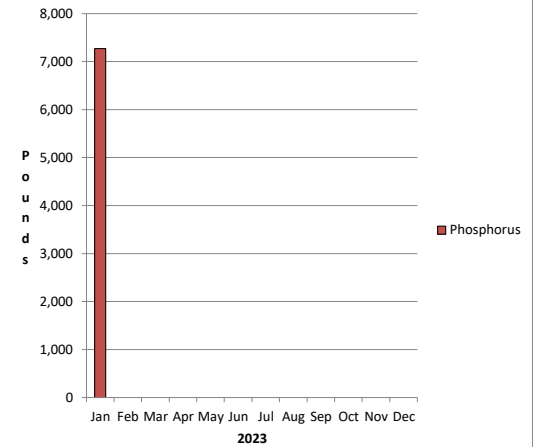
Influent TSS Total Pounds/Mo.



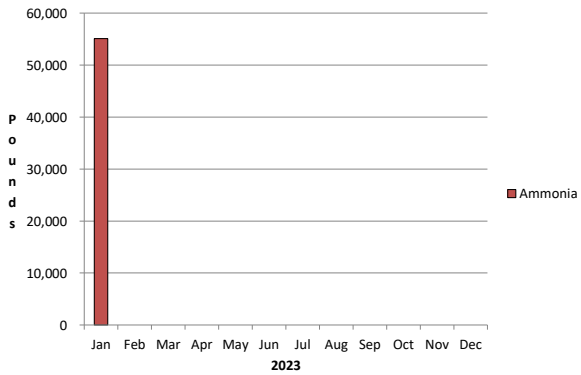
Influent BOD Total Pounds / Mo.



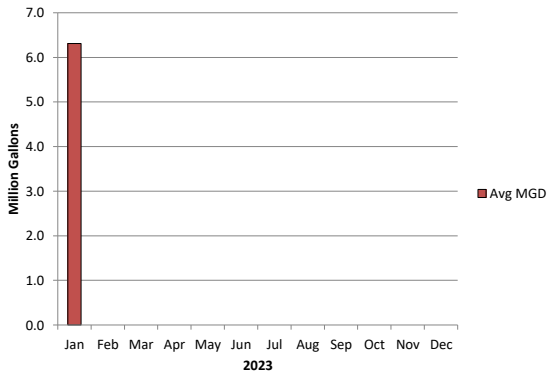
Influent Phosphorus Total Pounds/Mo.



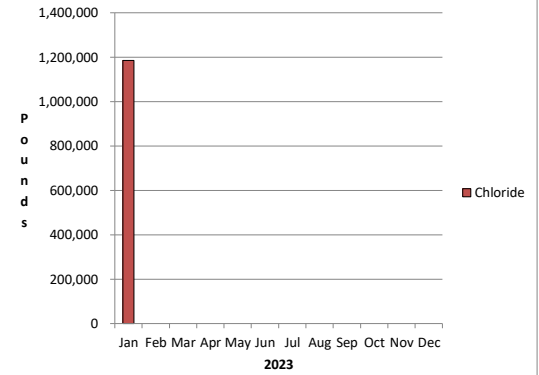
Influent Ammonia Total Pounds/Mo.



Avg Influent MGD/Mo.



Influent Chloride Total Pounds/Mo.



RAIN GAUGES

DAILY RAINFALL TOTALS

MONTH: JANUARY

YEAR: 2024

<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	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00
8	0.01	0.00	0.00	0.00	0.00
9	0.07	0.05	0.00	0.01	0.00
10	0.00	0.00	0.00	0.00	0.00
11	0.01	0.00	0.00	0.00	0.01
12	0.00	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00
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	0.08	0.00	0.06	0.03	0.10
25	0.03	0.02	0.01	0.01	0.01
26	0.20	0.26	0.20	0.19	0.26
27	0.01	0.01	0.01	0.00	0.01
28	0.01	0.02	0.01	0.01	0.00
29	0.00	0.01	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:	0.42	0.37	0.29	0.25	0.39