

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

March 2022

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	144.3	4.7	264	10,292	319,047	351	13,608	421,860	6.54	253	7,858	50.2	1947	60,352	722	28,567	857,010
Feb	129.3	4.6	267	10,291	288,149	375	14,417	403,684	6.64	256	7,158	46.7	1765	49,409	859	33,186	929,200
Mar	236.2	7.6	203	11,759	352,759	259	14,736	456,826	4.42	250	7,758	32.5	1795	55,652	716	41,706	1,292,877
Apr																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	170	5.6	245	10,781	319,985	328	14,254	427,457	5.86	253	7,591	43.1	1,836	55,138	766	34,486	1,026,362
Yearly Total	509.8				959,955			1,282,370			22,774			165,413			3,079,087

*Includes Hauled Waste
[Plant Design Capacity]
(Hauled Waste Gallons)= 177,900
[Max Design Capacity]
March % of Capacity

	8.5	13,565	12,209	339	1,600
	11.9	16,278	14,651	407	1,920
	64%	72%	101%	61%	94%

March Max Daily Flow 15.43

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	61.6	2.0	12.8	212	6,561	10.5	173	5,364	0.34	5.6	173	0.46	8.0	249	746
Feb	63.2	2.3	13.3	249	6,976	11.3	211	5,918	0.33	6.3	177	0.49	9.1	254	829
Mar	151.3	4.9	21.0	1,122	33,655	15.1	746	23,115	0.37	17.9	554	0.49	20.4	571	699
Apr															
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
Average	92.0	3.0	15.7	528	15,731	12.3	376.7	11,466	0.35	9.9	301.6	0.48	12.5	357.9	758
Yearly Total	276.1				47,192			34,397			905			1,073.6	

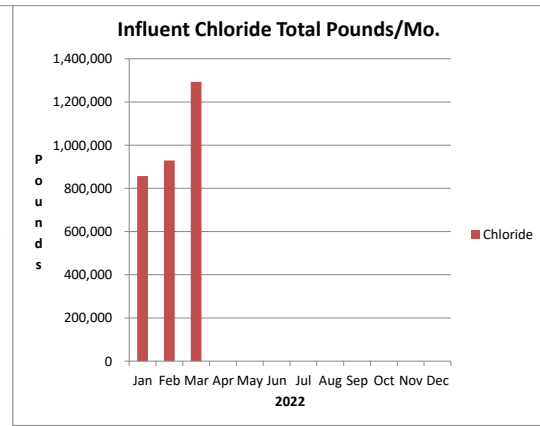
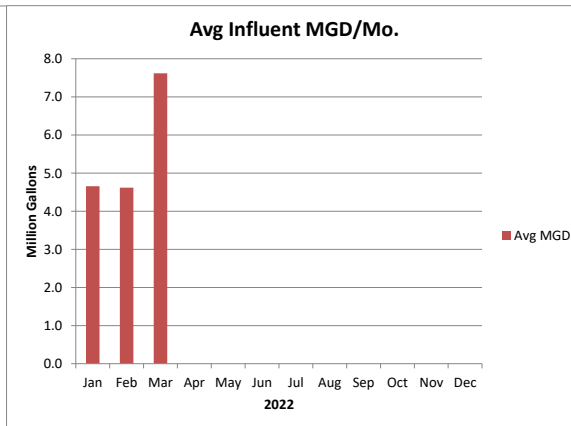
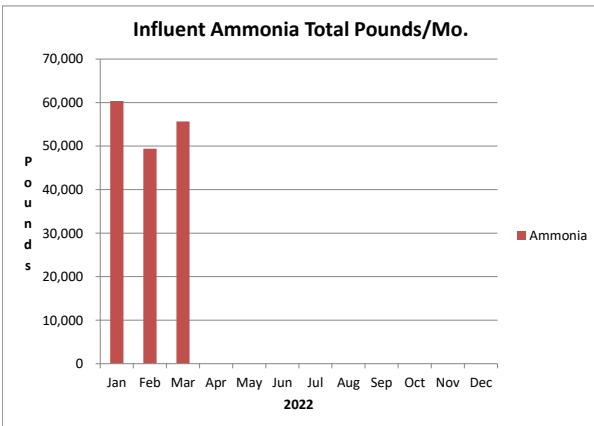
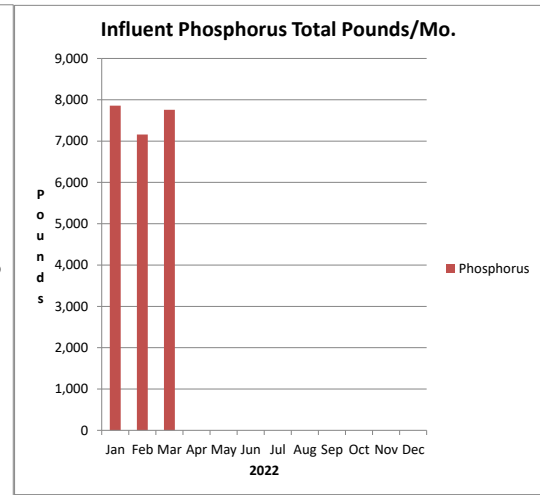
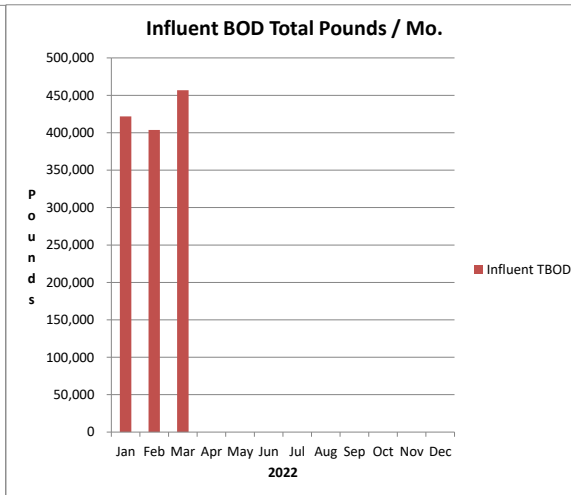
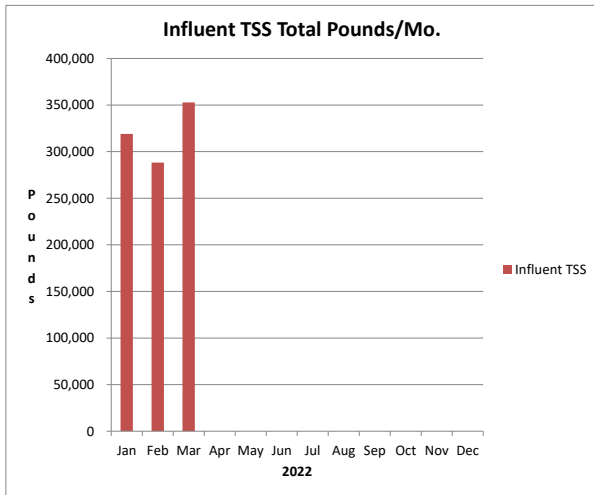
Monthly Avg Limit	
Jan- Marc	10 mg/L
April-May	11 mg/L
June-Sept	4.4 mg/L
Oct- Dec	18 mg/L

Effluent Gallons to Fox Energy (March)

Million Gallons	% to Fox Energy
84.90	36%

March	Avg #'s
WEEK 1	1262
WEEK 2	242
WEEK 3	638
WEEK 4	1339

6 mo. Avg #'s 9.24 Nov-April



RAIN GAUGES

DAILY RAINFALL TOTALS (Includes Rain,Melted Snow)

MONTH: MARCH

YEAR: 2022

NOAA Site Appleton

<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				
2	0.00				
3	0.00				
4	0.03				
5	1.35				
6	0.05				
7	0.10				
8	0.00				
9	0.00				
10	0.00				
11	0.00				
12	0.10				
13	0.00				
14	0.00				
15	0.00				
16	0.00				
17	0.00				
18	0.60				
19	0.00				
20	0.00				
21	0.00				
22	1.62				
23	0.07				
24	0.00				
25	0.02				
26	0.00				
27	0.00				
28	0.00				
29	0.61				
30	0.91				
31	0.00				
TOTAL:	5.46	0.00	0.00	0.00	0.00