

February Superintendents Report

3/14/2023

We have met all permit parameters for our 6th consecutive month at the close of February.

We received 1.53 inches of precipitation in February with a total average flow of 17.08 MGD.

Fecals averaged 2 Mpn for the month.

We had no O1B for Feb.

Our average NH3 was 0.3mg/L or 41 lbs/day

Our average Phos was 0.321mg/L or 45 lbs/day

We averaged 3.7 mg/L TN

Our Mercury was 0.500 ng/L

Total Maximum Daily Load (TMDL)

Rolling 12 Month Sum TN was 494,482 lbs. Our Limit is 639,261 lbs.

Rolling 12 Month Sum Phos was 42,508 lbs. Our Limit is 106,543 lbs.

See update of Water Leak, and H-Line issues.

Ron Lake and George Kolba have been helping with the H-Line and Water leak

Thank you very much.

Superintendents Summary Report for 2023

FLOW	CBOD5		REM %	Tot Susp Solids		REM %	Settleable Solids		REM %	Total Nitrogen		REM %	Phosphorous		REM %	Precip Inches	
	In	out		In	out		In	out		In	out		In	out			
MGD																	
AVG		18 mg/L			20 mg/L			0.3 mL/L			6.0 mg/L			1.0 mg/L			
Jan	21.29	165	14	92%	151	11.5	92%	7.60	0.07	99%	17.9	3.6	80%	3.10	0.400	87%	3.29
Feb	17.08	198	10	95%	189	6.8	96%	9.50	0.05	99%	22.7	3.7	84%	5.10	0.321	94%	1.53
Mar																	
Apr																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
AVG	19.19	182	12	93%	170	9.2	94%	8.55	0.06	99%	20.3	3.7	82%	4.10	0.361	90%	4.82

Outfall 001

478.22 Million Gallons

Outfall 01A = Flow through the DN cells

478.22 Million Gallons

Outfall 01B = Flows greater than 35 MGD that by-Passes the DN Cells

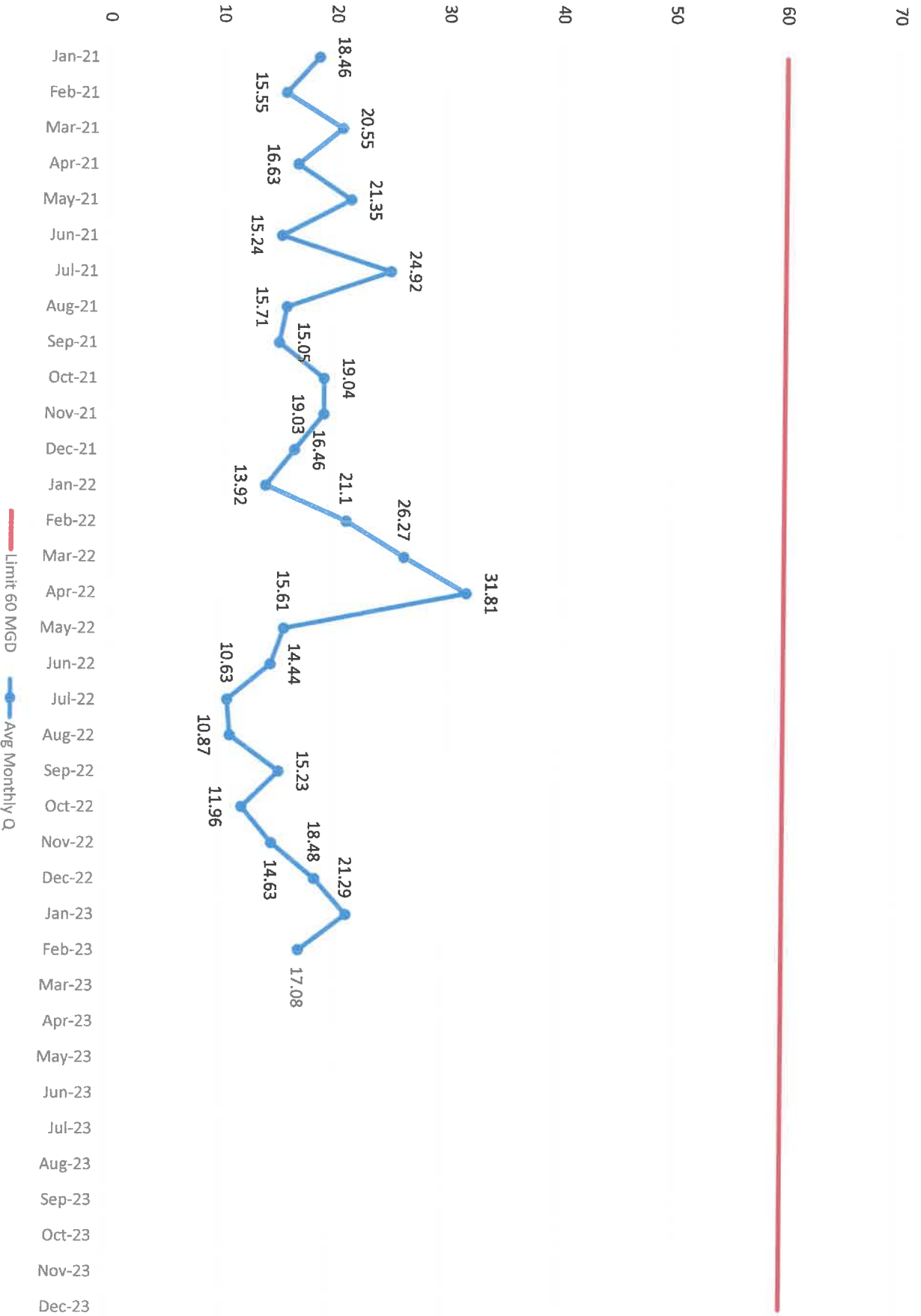
The Permit for TN = 6mg/L from Outfall 01A. REM = Removal %

The Permit for TN = Monitor month avg. from Outfall 001 Not to exceed 639,261 lbs. 12 month rolling avg.

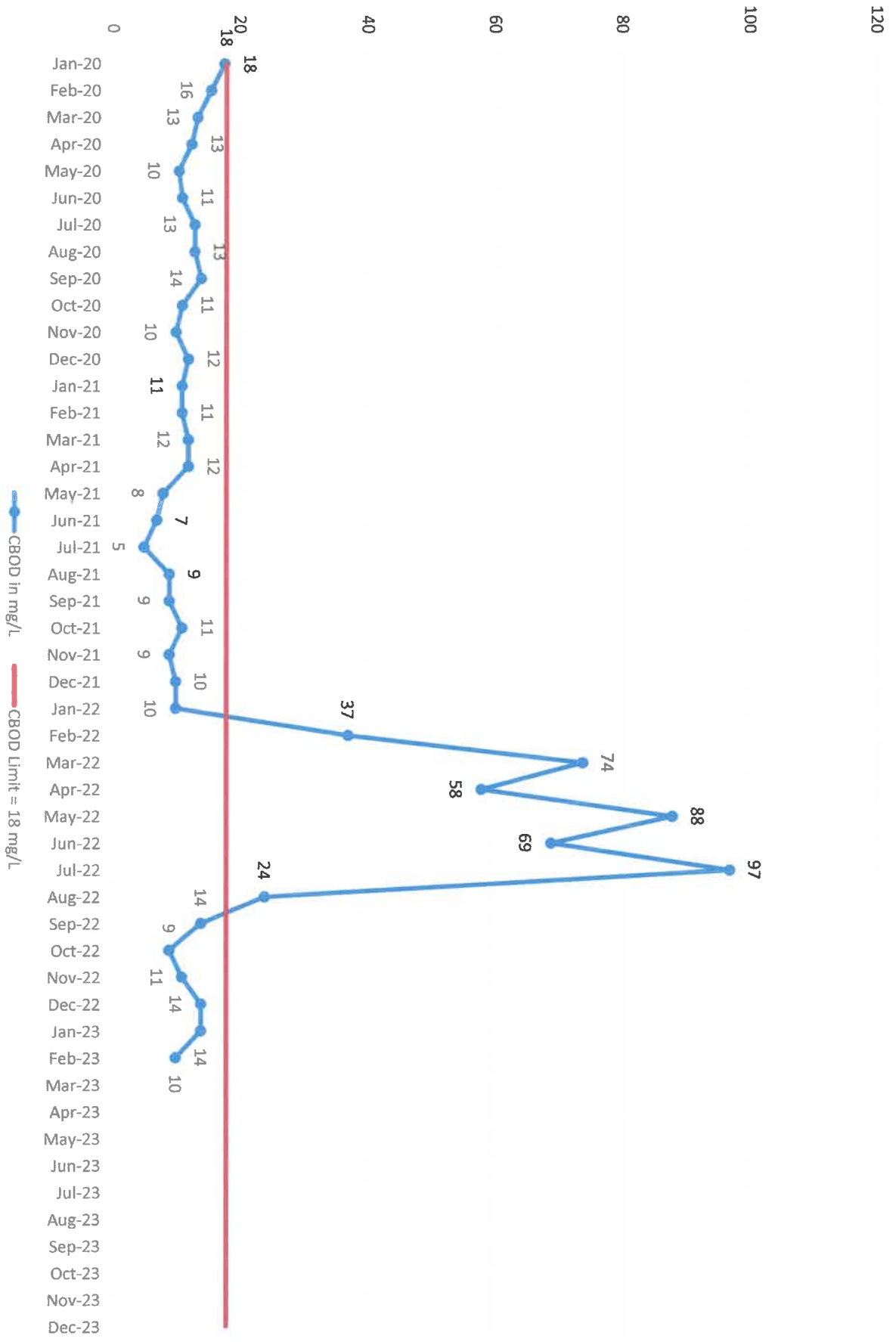
Outfall 001 includes flow through 01A and 01B bypass

TOT

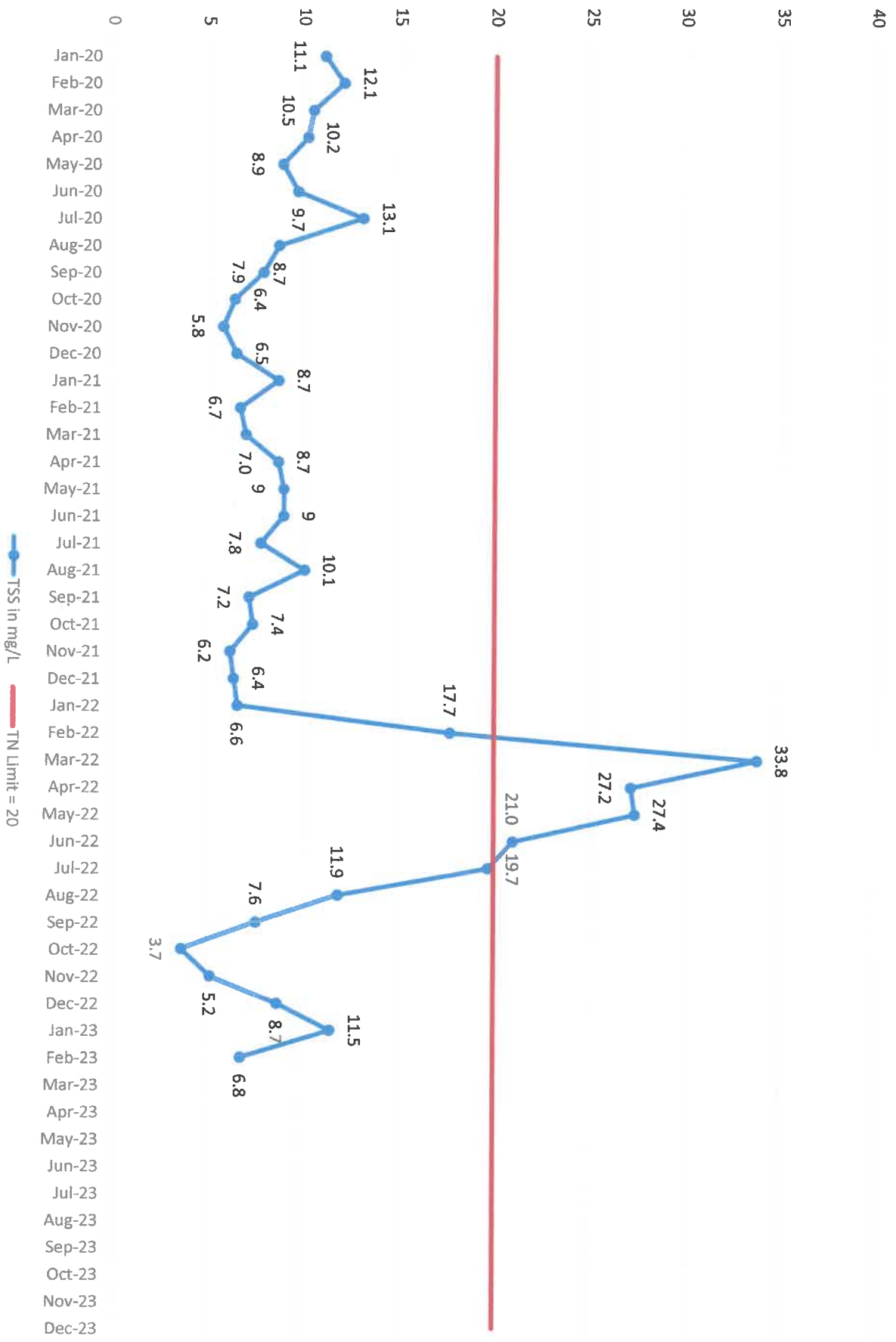
2021-2023 Flow



2020-2023 CBOD
 Limit = 18 mg/L/Day Monthly Avg

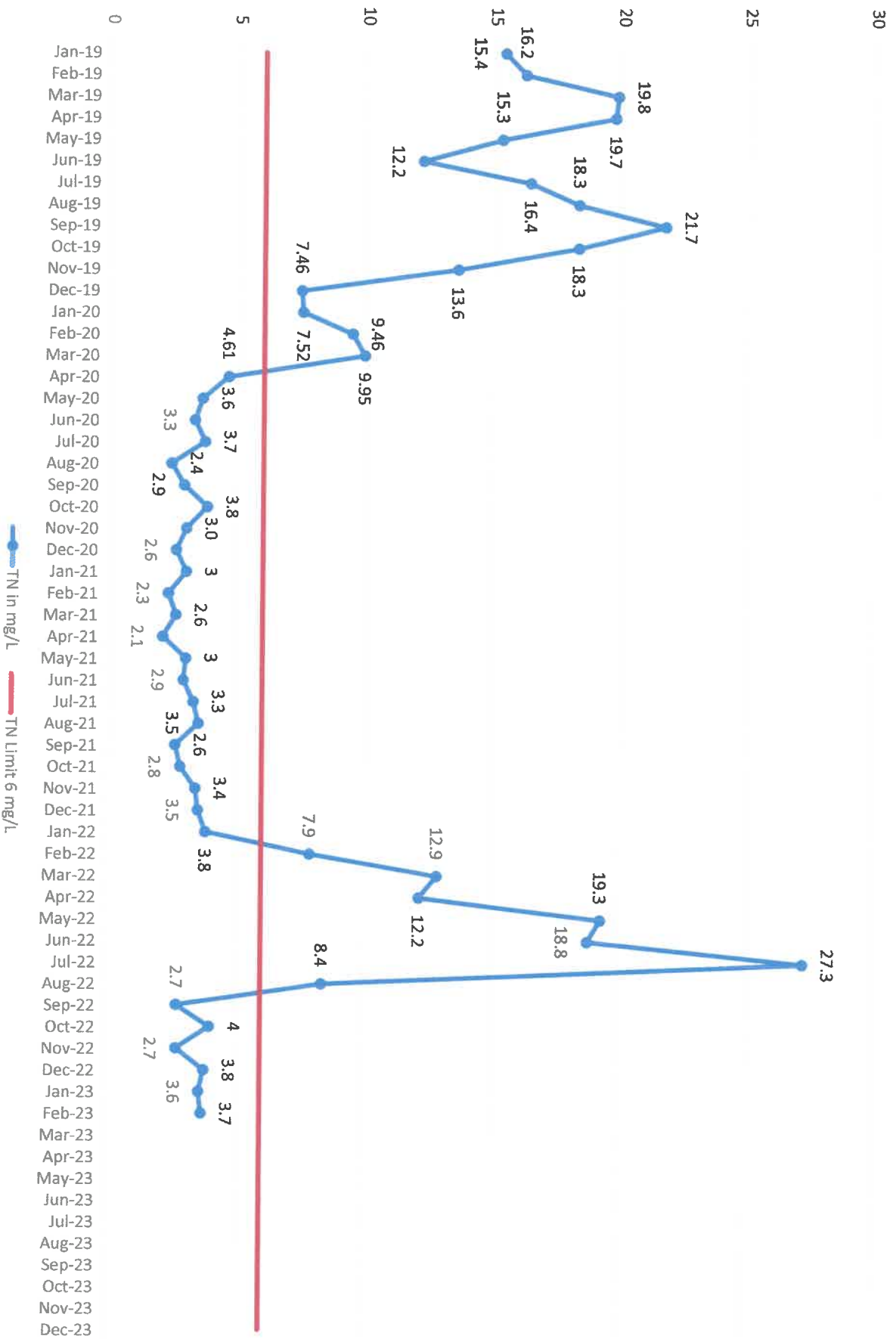


TSS 2020-2023 Limit = 20 mg/L/Day Monthly Avg

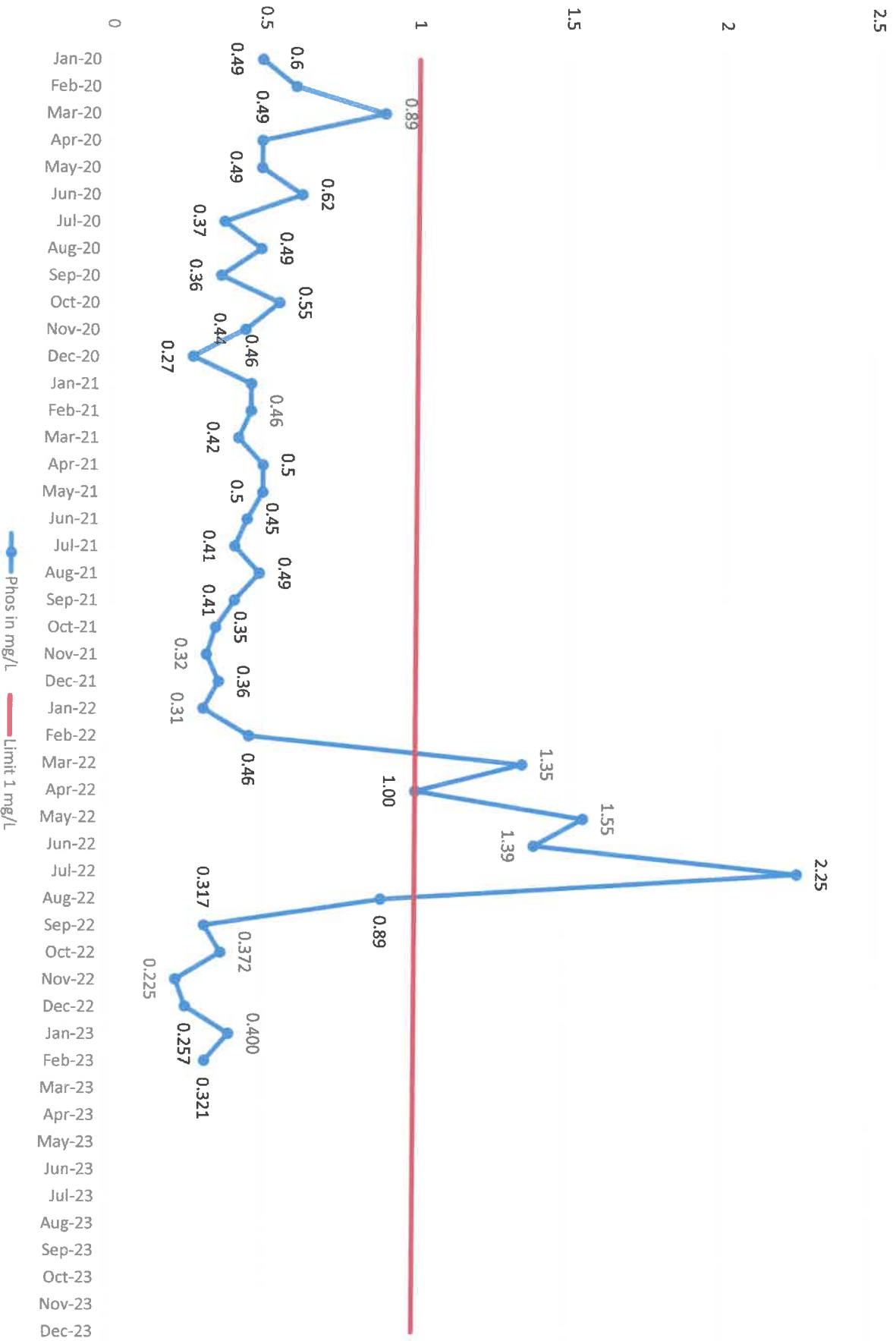


TN 2019-2023

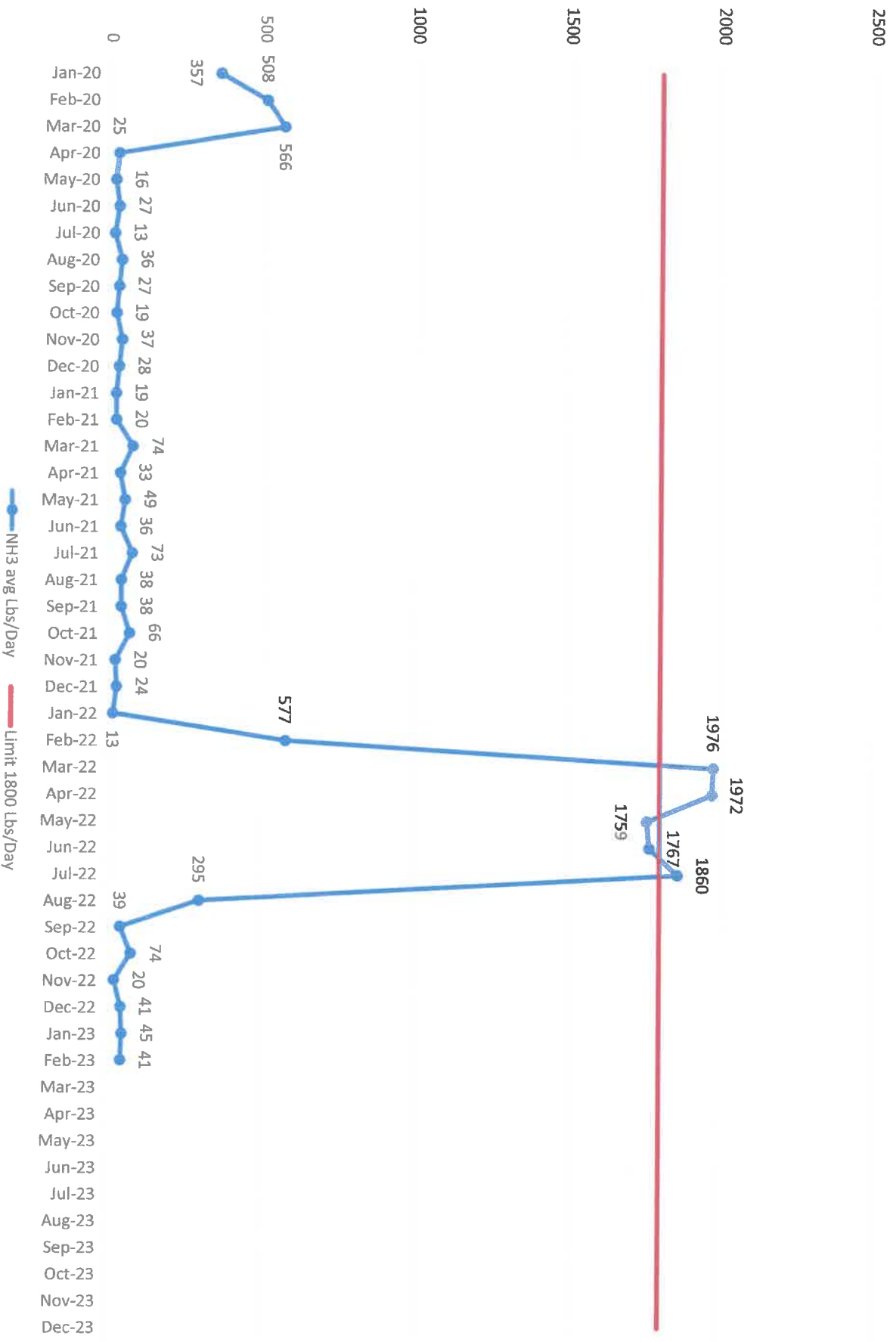
Limit = 6.0 mg/L/Day Monthly Avg



2020-2023 Phos Limit = 1.0 mg/L/Day Monthly Avg



2020-2023 NH3 in Avg. Lbs/Day Limit = 1800 Lbs/Day



Digester Volatile Solid Reduction % Limit = 38% Monthly Average

