

March Superintendents report

4/8/2025

March numbers:

Average flow = 19.99 MGD with a sum of 619.59 million gallons. CBOD 9 mg/L and 93% removal. TSS of 7.3 mg/L with 95% removal. Fecals of 2 MPN. Precipitation of 2.08 inches. Our average influent temp was 10.2 Deg C, 50.36 Deg F. NH3 0.15 mg/L for 98% conversion. Phos 0.45 mg/L for 84% removal. With 6 data points to go TN is averaging 4.6 mg/L for approx. 74% removal.

Solar production for March was 6,895 KWH with an estimated value of \$841.00

Lifetime KWH production has been 399,063 KWH with an estimated value of \$29,512.00

Micro-turbine production was 129,677 KWH with a projected value of \$15,834.00

Lifetime KWH Production has been 4,825,881 KWH with an estimated value of \$261,000.00

Board Member Ron Lake looked at NYSDEC proposed Greenhouse gas reporting requirements. Based on our data and the estimated gas production data from GHD's 2016 Solids Handling and Anaerobic Digester Condition Assessment and Alternatives Analysis, it appears we will be below the reporting threshold.

The 2022 Consent order signed Certificate of Completion has been sent to the Region 7 DEC engineer Matt Widay.

IWPP Annual report was completed and sent in.

Updated Confined Space training took place at the end of March and included all required topics.

We hosted the local Kirkwood DEC team for a plant tour on Monday 3/17/2025.

Superintendents Summary Report for 2025																												
	FLOW	Precip	CBOD5			REM	Tot Susp Solids			REM	Settleable Solids			REM	Total Nitrogen			REM	Phosphorous			REM	Ammonia		CON	TKN		REM
	MGD	Inches	In	out	%	In	out	%	In	out	%	In	out	%	In	out	%	In	out	%	In	out		In	out			
	AVG		Limit				Limit				Limit				Limit				Monitor			Monitor						
			18 mg/L				20 mg/L				0.3 mL/L				6.0 mg/L				1.0 mg/L			1800 lbs./Day			11000 lbs/Day			
Jan	14.56	1.06	200	8	96%	193	4.6	98%	11.90	0.10	99%	23.5	2.8	88%	6.44	0.220	97%	13.5	0.25	98%	23.3	1.3	94%					
Feb	16.21	3.17	171	8	95%	161	3.6	98%	11.60	0.10	99%	21.8	2.9	87%	5.45	0.150	97%	12.8	0.40	97%	21.2	1.5	93%					
Mar	19.99	2.08	132	9	93%	140	7.3	95%	8.60	0.10	99%				2.86	0.450	84%	9.0	0.15	98%								
Apr																												
May																												
Jun																												
Jul																												
Aug																												
Sep																												
Oct																												
Nov																												
Dec																												
		TOT																										
Avg	16.92	6.31	168	8	95%	165	5.2	97%	10.70	0.10	99%	22.7	2.9	88%	4.92	0.273	93%	11.8	0.27	98%	22.3	1.4	94%					
<p style="text-align: center;">With 6 Data points left, Average TN mg/L/Day = 4.6 With 6 Data points left, Average TKN Lbs/Day = 312 lbs.</p> <p style="text-align: center;">Ammonia limit equates to approx 6 mg/L monthly Avg. (Monitor Only) / TKN limit equates to 38 mg/L Monthly Avg. (Monitor Only) TN limit is 6.0 mg/L From OO1 (New Limit, Was Monitor) REM = Removal % The Permit for TN = Rolling 12 Month SUM, from Outfall OO1, (Was O1A) Not to Exceed 639,261 lbs. Outfall OO1 includes Flow Through O1B (DN Cell Bypass) (Above 35 MGD) These numbers represent Outfall from OO1</p>																												

Landfill 2025 Summary

Date	Digested	Lime Stab	Solids Total		Bar screen	Grit and Screen		Grease
	Tons	Tons	Tons	Cost	Tons	Tons	Cost	Tons
January	680.33		680.33	\$28,074.50		19.14	\$861.30	
February	653.39		653.39	\$26,135.60		21.40	\$965.70	
March	736.06		736.06	\$29,442.40		21.19	\$953.55	
April								
May								
June								
July								
August								
September								
October								
November								
December								
Average	689.93		689.93	\$27,884.17		20.58	\$926.85	
Sub Total	2,069.78		2,069.78	\$83,652.50		61.73	\$2,780.55	
				\$40/Ton			\$45/Ton	

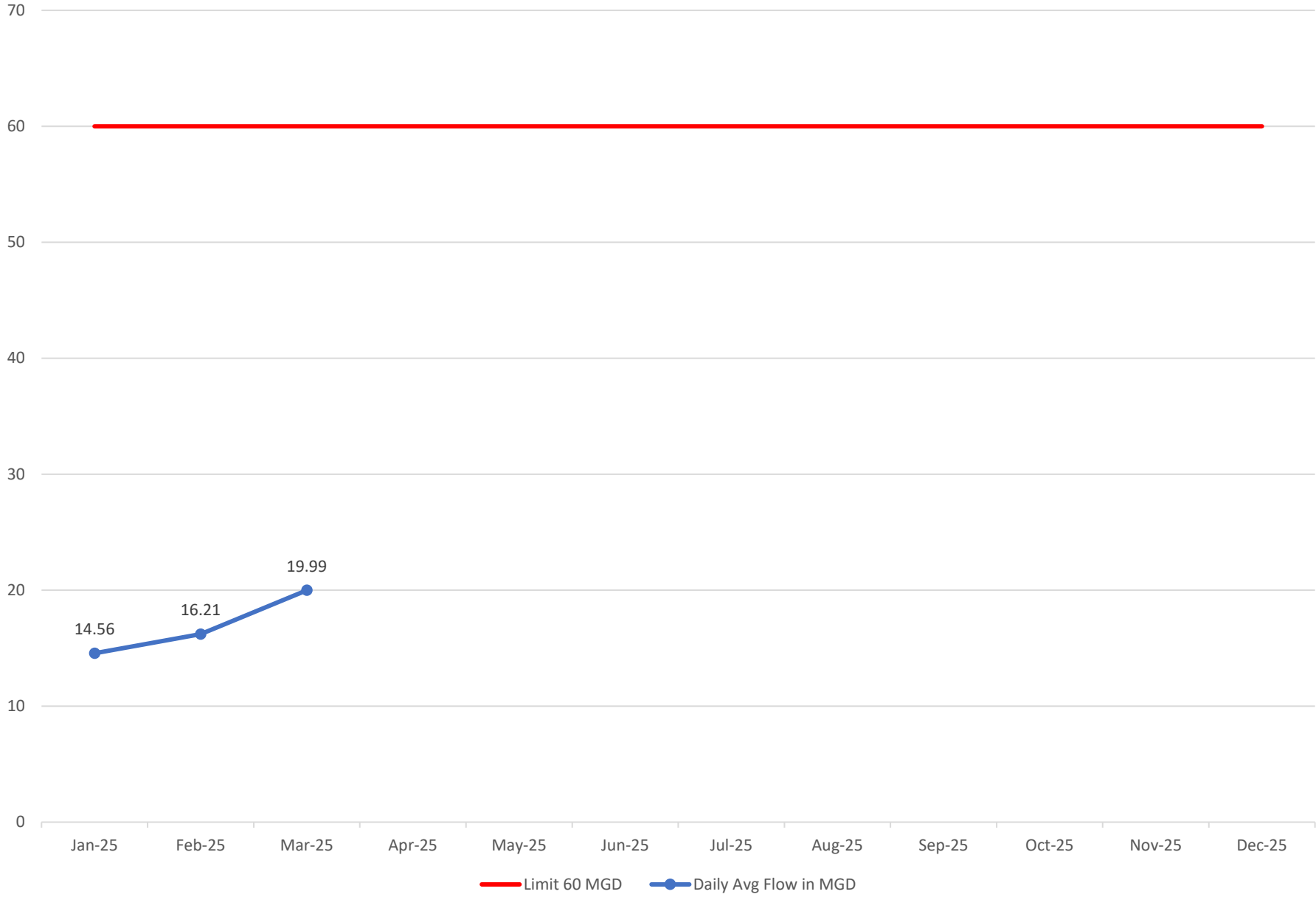
\$86,433.05

Annual Cost to Date

\$420,000 budgeted for 2025 /

ES8130.54804

2025 Avg Daily Flow

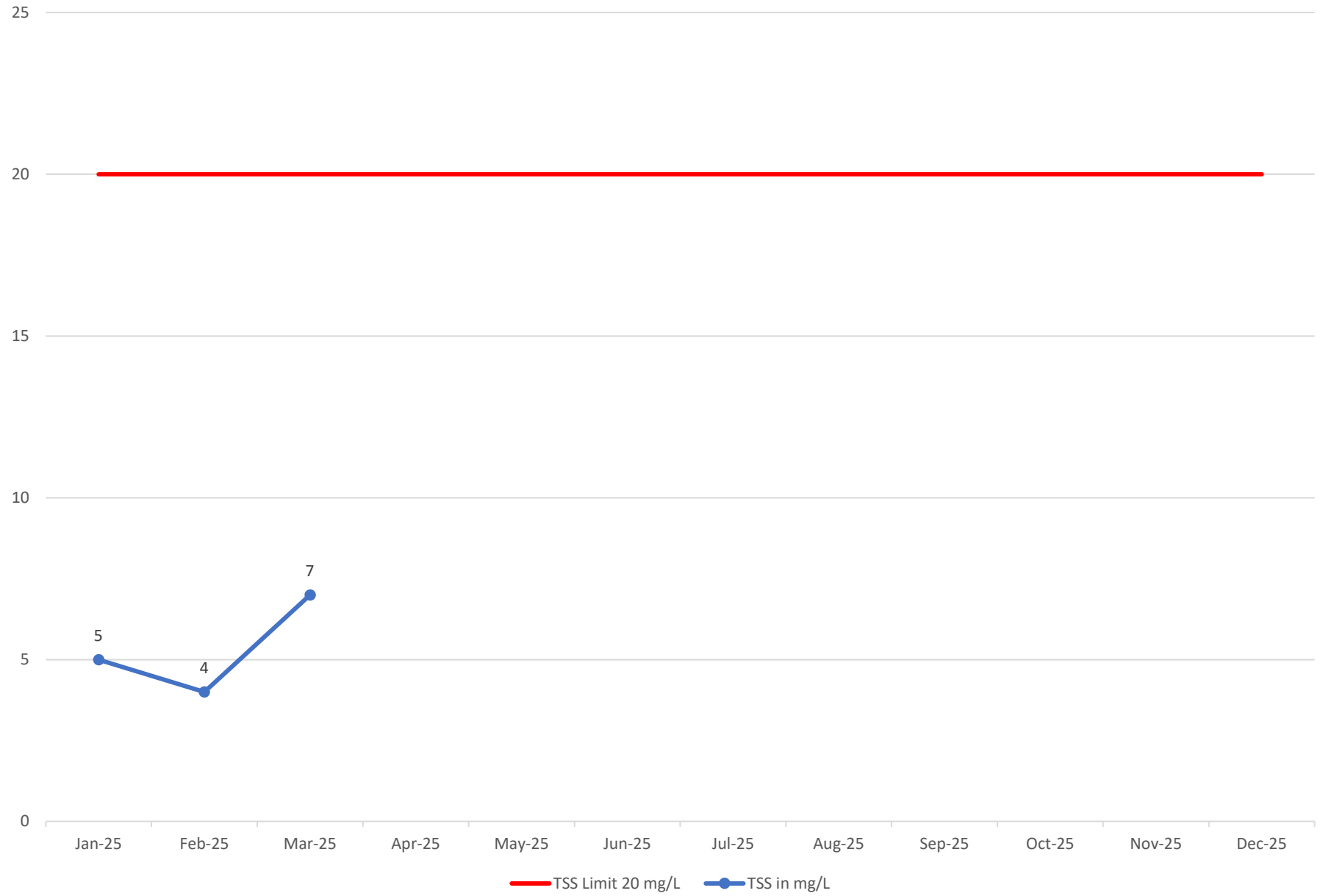


2025 CBOD



— CBOD Limit 18 mg/L ●— CBOD in mg/L

2025 TSS



2025 Phos

