Heart of the Valley
METROPOLITAN SEWERAGE DISTRICT

Status	
Red	90 + %
Yellow	80 - 90%
Green	<80%

FUNCTIONALITY/PERFORMANCE REPORT

May Monthly Loading	May Influent Load	Design AVG Dry Weather	%	Status	Design Max Wet Weather	%	Status	Comments
Flow (MGD)	9.3	8.5	109%		11.9	78%		
BOD (lbs x 1000)	11.2	12.2	92%		14.6	77%		
TSS (lbs x 1000)	8.9	13.5	66%		16.2	55%		
Phosphorus (lbs)	211	339	62%		407	52%		
Ammonia - N (lbs x 1000)	1.57	1.6	98%		1.9	83%		

Updates:

The dry weather design average is the loading that can be processed day after day without permit exceeden violations.

The wet weather design max is the load the plant is rated for that can be effectively processed on a short term (month) basis while remaining compliant with the NPDES permit. Flow and BOD load in excess of 90% of the wet weather max results in points assessed on the District's CMAR report.

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METROPOLITAN SEWERAGE DISTRICT

Status	
Red	90 + %
Yellow	80 - 90%
Green	<80%

FUNCTIONALITY/PERFORMANCE REPORT

May Monthly Loading	May Influent Load	Design AVG Dry Weather	%	Status	Design Max Wet Weather	%	Status	Comments
Flow (MGD)	7.643	8.5	90%		11.9	64%		
BOD (lbs x 1000)	12.6	12.2	103%		14.6	86%		
TSS (lbs x 1000)	10.4	13.5	77%		16.2	64%		
Phosphorus (lbs)	218	339	64%		407	54%		
Ammonia - N (lbs x 1000)	1.59	1.6	99%		1.9	84%		

Updates:

Interceptor Action Plan - The ability to televise specific river sections has continued to be problematic due to precipitation and turbulence and high river flows. Several sections of interceptor were completed in May that are located in the sheltered Little Chute Fox Lock.

Blending event – On May 28th rain induced flows required flow diversion around secondary treatment resulting in a blending event. A total of 20.297MG entered the plant with 19.666MG receiving full treatment that day.