

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

January 2026

MONTH	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE		
	Million *	Avg	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total
	Gallons	MGD	mg/L	#/day	# /Month	mg/L	#/day	# Month	mg/L	#/day	# Month	mg/L	#/day	# Month	mg/L	#/day	# Month
Jan	195.1	6.3	191	10,044	301,141	207	10,854	326,560	5.57	293	9,104	29.1	1527	46,377	827	43,402	1,336,673
Feb																	
Mar																	
Apr																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	195.1	6.3	191	10,044	301,141	207	10,854	326,560	5.57	293	9,104	29.1	1,527	46,377	827	43,402	1,336,673
Yearly Total	195.1				301,141			326,560			9,104			46,377			1,336,673

*Includes Hauled Waste

[Plant Design Capacity] =

8.5

13,565

12,209

339

1,600

(Hauled Waste Gallons): 212,420

[Max Design Capacity] =

11.9

16,278

14,651

407

1,920

January % of Capacity =

53%

62%

74%

72%

80%

January Max Daily Flow = 11.31

January Min Daily Flow = 5.214

EFFLUENT QUALITY

{PERMIT LIMITS (WDNR) →	FLOW		TSS			BOD			TOTAL PHOSPHORUS			AMMONIA			CHLORIDE
	Million	Avg	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total	Avg	Avg	Total	Avg
	Gallons	MGD	mg/L	#/day	# /Month	mg/L	#/day	# Month	mg/L	#/day	# Month	mg/L	#/day	# Month	mg/L
Jan	114.0	3.7	3.6	111	3,432	4.4	135	4,136	0.30	9.2	273	0.48	14.8	429	819
Feb															
Mar															
Apr															
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
Average	114.0	3.7	3.6	111	3,432	4.4	135.1	4,136	0.30	9.2	273.1	0.48	14.8	429.3	819
Yearly Total	114.0				3,432			4,136			273			429.3	

Monthly Avg Limit

Jan- March 10 mg/L

April-May 11 mg/L

June-Sept 4.4 mg/L

Oct- Dec 18 mg/L

Monthly (Avg) 650#

Weekly (Avg) 990#

Daily Max (mg/L) 30

Monthly Avg 30 mg/L

Weekly Avg 45 mg/L

Monthly Avg 31.5#

6 mo Avg 10.5#

Daily Max mg/L 1.0

Effluent Gallons to Fox Energy

(January)

Million Gallons	
81.09	42%

January Avg #'s

WEEK 1 83

WEEK 2 149

WEEK 3 126

WEEK 4 94

6 mo. Avg #'s 6.88 Nov- April

