

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

February 2026

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	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	169.9	6.1	203	10,280	277,929	200	10,102	275,464	5.90	298	8,139	29.2	1476	40,090	890	45,038	1,255,522
Mar																	
Apr																	
May																	
Jun																	
Jul																	
Aug																	
Sep																	
Oct																	
Nov																	
Dec																	
Average	182.5	6.2	197	10,162	289,535	203	10,478	301,012	5.73	295	8,622	29.1	1,501	43,234	858	44,220	1,296,098
Yearly Total	365.0				579,069			602,024			17,243			86,467			2,592,195

*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
February % of Capacity =	53%	62%	74%	72%	80%

February Max Daily Flow = 11.12
February Min Daily Flow = 5.103

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	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	95.0	3.4	5.7	161	4,143	3.3	94	2,542	0.23	6.6	171	0.33	9.4	232	890
Mar															
Apr															
May															
Jun															
Jul															
Aug															
Sep															
Oct															
Nov															
Dec															
Average	104.5	3.5	4.6	136	3,787	3.9	114.6	3,339	0.27	7.9	222.1	0.41	12.1	330.9	855
Yearly Total	209.0				7,575			6,677			444			661.8	

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

{PERMIT LIMITS (WDNR) →

Monthly (Avg)	650#	Monthly Avg	30 mg/L	Monthly Avg	31.5#
Weekly (Avg)	990#	Weekly Avg	45 mg/L	6 mo Avg	10.5#
Daily Max (mg/L)	30			Daily Max mg/L	1.0

Effluent Gallons to Fox Energy (February)	
Million Gallons	
74.94	44%

February	Avg #'s	6 mo. Avg #'s	Nov- April
WEEK 1	134	6.70	
WEEK 2	168		
WEEK 3	194		
WEEK 4	95		

