



TO: Brian Helminger, District Director

FROM: Christy DeMaster, Trilogy Consulting

DATE: August 29, 2025

RE: Proposed Revised User Charge Rate Methodology

Attached are copies of the proposed revised use charge methodology and the existing user charge methodology, along with a summary showing the changes in the amounts that would be charged to each member community with the new methodology. Please note that all figures are still using the 2025 budget numbers for O&M expenses; debt service was updated to reflect 2026 debt service payments.

The revised methodology shows the specific line items for which the methodology was changed highlighted in grey. The following changes were made to the proposed revised rate methodology:

- Added a new updated worksheet for the deposit to the Equipment Replacement Fund that reflects the current equipment assets. The allocation percentages were also changed to be consistent with the percentages used to allocate all WWTP assets.
- Added a new worksheet to allocate WWTP assets that can be updated each year based on the current balance of plant assets. Allocation factors are consistent with what was used in 2008. The balance of disc filter equipment and structures was estimated and will need to be refined. This is not expected to materially change any of the amounts allocated to member communities.
- Revised the payroll allocation to allocate all or a portion of administrative positions to Demand charges.
- Revised the insurance allocation to allocate workers compensation insurance expense to Demand charges.
- Revised some of the utilities and professional services expenses to allocate them in the same manner as the related WWTP process.
- Updated the percentages for all expenses that are allocated based on WWTP assets to reflect the updated allocation of WWTP assets.

SUMMARY OF USER CHARGE REVENUES - EXISTING AND PROPOSED METHOD

	Projected Revenues 2025	Revenues with Proposed Allocation 2025	Difference	Projected Revenues - Current Alloc. 2026	Projected Revenues with Proposed Allocation 2026	Difference
<u>Demand Charges</u>						
Kaukauna	242,609	365,133	122,524	133,503	255,846	122,343
Little Chute	174,544	262,694	88,150	96,049	184,068	88,019
Kimberly	97,747	147,113	49,365	53,789	103,081	49,292
Combined Locks	51,480	77,479	25,999	28,328	54,289	25,960
Darboy	168,553	253,678	85,124	92,752	177,750	84,998
Subtotal Demand Charges	734,933	1,106,096	371,163	404,421	775,034	370,613
<u>Reserve Capacity Charges</u>						
Kaukauna	68,255	68,255	0	0	0	0
Little Chute	50,840	50,840	0	0	0	0
Kimberly	28,258	28,258	0	0	0	0
Combined Locks	13,163	13,163	0	0	0	0
Darboy	45,568	45,568	0	0	0	0
Subtotal Reserve Capacity Charges	206,084	206,084	0	0	0	0
<u>User Charges</u>						
Kaukauna	1,682,451	1,579,008	(103,443)	1,642,581	1,538,357	(104,224)
Little Chute	2,101,691	1,967,504	(134,188)	2,052,571	1,911,643	(140,929)
Kimberly	440,388	416,451	(23,937)	430,020	404,580	(25,439)
Combined Locks	356,998	329,323	(27,675)	348,814	323,157	(25,656)
Darboy	1,027,872	945,951	(81,921)	1,004,905	930,541	(74,365)
Subtotal User Charges	5,609,399	5,238,236	(371,163)	5,478,891	5,108,278	(370,613)
<u>Total User Fees</u>	6,550,417	6,550,417	0	5,883,312	5,883,312	0
Kaukauna	1,993,315	2,012,396	19,082	1,776,084	1,794,203	18,119
Little Chute	2,327,075	2,281,038	(46,038)	2,148,620	2,095,711	(52,909)
Kimberly	566,393	591,822	25,428	483,808	507,661	23,853
Combined Locks	421,641	419,965	(1,676)	377,142	377,446	304
Darboy	1,241,993	1,245,197	3,203	1,097,657	1,108,291	10,634
Percent Fixed Revenue	14.4%	20.0%		6.9%	13.2%	
Percent User Charge Revenue	85.6%	80.0%		93.1%	86.8%	

HEART OF THE VALLEY METROPOLITAN
SEWERAGE DISTRICT

PROPOSED REVISED USER CHARGE RATE
METHODOLOGY

Heart of the Valley Metropolitan Sewerage District - 2025

REPLACEMENT FUND - REVISED METHODOLOGY

		Allocation Percentages									Allocation of Costs							
Function		Original	Current	Allocation														
Code	Function	Cost	Depr	Code	Volume	BOD	SS	Phos	Amm	Chl	Volume	BOD	SS	Phos	Amm	Chl		
	TOTAL	17,923,743	611,311		33.04	15.18	22.58	14.77	8.81	5.62	201,978	92,788	138,037	90,294	53,873	34,341		
	SUBTOTAL - CONVEYANCE SYSTEM	457,796	36,266		82.39	3.52	3.52	3.52	3.52	3.52	29,879	1,277	1,277	1,277	1,277	1,277		
	SUBTOTAL - WWTP	15,552,786	471,710		31.40	15.76	23.51	14.76	8.76	5.80	148,138	74,336	110,898	69,629	41,340	27,370		
	SUBTOTAL - WWTP CHEMICAL PROCESSES	10,784,662	287,720	16	30.22	18.16	26.53	15.43	9.66	-	86,953	52,262	76,328	44,381	27,795	0		
	SUBTOTAL - GENERAL PLANT	1,913,161	103,335		23.19	16.62	25.03	18.76	10.89	5.51	23,961	17,175	25,862	19,387	11,256	5,694		
CONVEYANCE SYSTEM																		
5	Metering and monitoring equipment	201,153	20,258	1	100.00						20,258	0	0	0	0	0		
6	Sampling equipment	72,188	6,344	2		20.00	20.00	20.00	20.00	20.00	0	1,269	1,269	1,269	1,269	1,269		
7	Misc. Equipment	184,454	9,665	3	99.55	0.09	0.09	0.09	0.09	0.09	9,621	9	9	9	9	9		
TREATMENT AND DISPOSAL PLANT																		
											0	0	0	0	0	0		
10.2	Preliminary treatment equipment	979,711	26,682	1	100.00						26,682	0	0	0	0	0		
11.2	Primary treatment equipment	2,268,810	142,357	5	55.00	15.00	15.00	15.00			78,296	21,353	21,353	21,353	0	0		
12.2	Secondary treatment equipment	1,919,232	59,459	6	5.00	25.00	25.00	5.00	40.00		2,973	14,865	14,865	2,973	23,784	0		
13.2	Sludge treatment and disposal equipment	1,347,932	80,220	7		20.00	50.00	25.00	5.00		0	16,044	40,110	20,055	4,011	0		
14.2	Disinfection equipment	182,264	5,684	1	100.00						5,684	0	0	0	0	0		
15.2	Effluent filtration equipment	5,066,425	0	8	15.00	15.00	35.00	35.00			0	0	0	0	0	0		
17.2	WWTP non-specific equipment	3,332,480	134,512	4	25.65	16.41	25.70	18.77	10.07	3.40	34,502	22,073	34,569	25,248	13,545	4,573		
17.3	Slide gates	455,933	22,797	9						100.00	0	0	0	0	0	22,797		
GENERAL PLANT																		
19	Office furniture and equipment	38,540	2,474	10	25.46	16.29	25.52	18.64	10.00	4.09	630	403	631	461	247	101		
20	Tools, shop, garage equipment	21,830	1,695	10	25.46	16.29	25.52	18.64	10.00	4.09	431	276	432	316	169	69		
21	Computers	89,946	0	10	25.46	16.29	25.52	18.64	10.00	4.09	0	0	0	0	0	0		
22	SCADA equipment	1,334,109	77,855	10	25.46	16.29	25.52	18.64	10.00	4.09	19,822	12,683	19,869	14,512	7,786	3,184		
23	Transportation equipment	63,952	6,395	10	25.46	16.29	25.52	18.64	10.00	4.09	1,628	1,042	1,632	1,192	640	262		
24	Laboratory and monitoring equipment	223,502	9,222	2		20.00	20.00	20.00	20.00	20.00	0	1,844	1,844	1,844	1,844	1,844		
25	Other general equipment	113,175	4,901	10	25.46	16.29	25.52	18.64	10.00	4.09	1,248	798	1,251	914	490	200		
26	Handheld meter equipment	0	0	10	25.46	16.29	25.52	18.64	10.00	4.09	0	0	0	0	0	0		
27	Communication equipment	28,107	793	10	25.46	16.29	25.52	18.64	10.00	4.09	202	129	202	148	79	32		
	TOTAL	17,923,743	611,311		33.04	15.18	22.58	14.77	8.81	5.62	201,978	92,788	138,037	90,294	53,873	34,341		
	Current Percentages (from 2008 rate study)				44.17	13.46	19.05	8.44	10.05	4.83								

Heart of the Valley Metropolitan Sewerage District - 2025

PLANT ALLOCATION - REVISED METHODOLOGY

Function Code	Function	Original Cost	Alloc Code	Allocation Percentages						Allocation of Costs					
				Volume	BOD	SS	Phos	Amm	Chl	Volume	BOD	SS	Phos	Amm	Chl
TOTAL - WWTP		63,514,084	11	25.46	16.29	25.52	18.64	10.00	4.09	16,174,315	10,349,041	16,208,339	11,836,166	6,348,298	2,597,926
CONVEYANCE SYSTEM															
1	Land and land rights	0	1	100.00						0	0	0	0	0	0
2	Interceptor mains	8,456,742	1	100.00						8,456,742	0	0	0	0	0
3	Structures and improvements	7,087,122	1	100.00						7,087,122	0	0	0	0	0
4	Structures and improvements	143,972	1	100.00						143,972	0	0	0	0	0
5	Metering and monitoring equipment	201,153	1	100.00						201,153	0	0	0	0	0
6	Sampling equipment	72,188	2		20.00	20.00	20.00	20.00	20.00	0	14,438	14,438	14,438	14,438	0
7	Misc. Equipment	184,454	3	99.55	0.09	0.09	0.09	0.09	0.09	183,624	166	166	166	166	0
SUBTOTAL CONVEYANCE		16,145,631		99.55	0.09	0.09	0.09	0.09	0.09	16,072,612	14,604	14,604	14,604	14,604	0
TREATMENT AND DISPOSAL PLANT															
9	Land and land rights	3,013,692	4	25.65	16.41	25.70	18.77	10.07	3.40	773,012	494,547	774,519	565,670	303,479	102,466
Preliminary Treatment															
10.1	Preliminary treatment structures and improvements	1,234,841	1	100.00						1,234,841	0	0	0	0	0
10.2	Preliminary treatment equipment	1,243,482	1	100.00						1,243,482	0	0	0	0	0
Primary Treatment															
11.1	Primary treatment structures and improvements	10,545,534	5	55.00	15.00	15.00	15.00			5,800,044	1,581,830	1,581,830	1,581,830	0	0
11.2	Primary treatment equipment	2,400,875	5	55.00	15.00	15.00	15.00			1,320,481	360,131	360,131	360,131	0	0
Secondary Treatment															
12.1	Secondary treatment structures and improvements	10,992,404	6	5.00	25.00	25.00	5.00	40.00		549,620	2,748,101	2,748,101	549,620	4,396,961	0
12.2	Secondary treatment equipment	1,919,232	6	5.00	25.00	25.00	5.00	40.00		95,962	479,808	479,808	95,962	767,693	0
Sludge Treatment and Disposal															
13.1	Sludge treatment and disposal structures and impr	2,974,109	7		20.00	50.00	25.00	5.00		0	594,822	1,487,054	743,527	148,705	0
13.2	Sludge treatment and disposal equipment	1,549,657	7		20.00	50.00	25.00	5.00		0	309,931	774,829	387,414	77,483	0
Disinfection															
14.1	Disinfections structures and improvements	584,662	1	100.00						584,662	0	0	0	0	0
14.2	Disinfection equipment	192,265	1	100.00						192,265	0	0	0	0	0
Effluent filtration															
15.1	Effluent filtration structures and improvements	13,027,949	8	15.00	15.00	35.00	35.00			1,954,192	1,954,192	4,559,782	4,559,782	0	0
15.2	Effluent filtration equipment	5,066,425	8	15.00	15.00	35.00	35.00			759,964	759,964	1,773,249	1,773,249	0	0
16	Plant site piping	1,818,722	9						100.00	0	0	0	0	0	1,818,722
WWTP Non-Specific															
17.1	WWTP non-specific structures and improvements	2,914,311	4	25.65	16.41	25.70	18.77	10.07	3.40	747,521	478,238	748,978	547,016	293,471	99,087
17.2	WWTP non-specific equipment	3,579,992	4	25.65	16.41	25.70	18.77	10.07	3.40	918,268	587,477	920,058	671,964	360,505	121,720
17.3	Slide gates	455,933	9						100.00	0	0	0	0	0	455,933
SUBTOTAL WWTP		63,514,084		25.46	16.29	25.52	18.64	10.00	4.09	16,174,315	10,349,041	16,208,339	11,836,166	6,348,298	2,597,926
GENERAL PLANT															
18	Structures and improvements	330,591	10	25.46	16.29	25.52	18.64	10.00	4.09	84,169	53,853	84,367	61,622	33,059	13,521
19	Office furniture and equipment	38,540	10	25.46	16.29	25.52	18.64	10.00	4.09	9,812	6,278	9,835	7,184	3,854	1,576
20	Tools, shop, garage equipment	26,371	10	25.46	16.29	25.52	18.64	10.00	4.09	6,714	4,296	6,730	4,916	2,637	1,079
21	Computers	89,946	10	25.46	16.29	25.52	18.64	10.00	4.09	22,900	14,652	22,954	16,766	8,995	3,679
22	SCADA equipment	1,387,975	10	25.46	16.29	25.52	18.64	10.00	4.09	353,378	226,101	354,211	258,719	138,798	56,768
23	Transportation equipment	63,952	10	25.46	16.29	25.52	18.64	10.00	4.09	16,282	10,418	16,321	11,921	6,395	2,616
24	Laboratory and monitoring equipment	226,290	2	20.00	20.00	20.00	20.00	20.00		45,258	45,258	45,258	45,258	45,258	0
25	Other general equipment	125,495	10	25.46	16.29	25.52	18.64	10.00	4.09	31,951	20,443	32,026	23,392	12,549	5,133
26	Handheld meter equipment	0	10	25.46	16.29	25.52	18.64	10.00	4.09	0	0	0	0	0	0
27	Communication equipment	28,107	10	25.46	16.29	25.52	18.64	10.00	4.09	7,156	4,579	7,173	5,239	2,811	1,150
SUBTOTAL GENERAL		2,317,267		24.92	16.65	24.98	18.77	10.98	3.69	577,621	385,878	578,875	435,016	254,356	85,521
TOTAL		81,976,983		40.04	13.11	20.49	14.98	8.07	3.29	32,824,548	10,749,523	16,801,818	12,285,786	6,617,257	2,698,051

Heart of the Valley Metropolitan Sewerage District - 2025

PAYROLL & BENEFITS - REVISED METHODOLOGY

		2024	SURPLUS	2024	2025	BUDGET	Allocation	Allocation Percentage (HIDE)							Allocation Dollars					
		EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Code	Demand	Volume	BOD	SS	Phos	Amm	Chl	Demand	Volume	BOD	SS	Phos	Ammonia
		END OF YEAR	DEFICIT			DECREASE														
TOTALS:		\$1,325,961	\$ 61,249	\$1,387,210	\$1,522,900	\$ 135,690		47.43	12.93	8.87	12.96	9.91	6.09	1.81	\$722,294	\$196,911	\$135,123	\$197,315	\$150,958	\$ 92,741
59090	Social Security (.062)	59,000	1,400	60,400	66,000	5,600	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	31,303	8,534	5,856	8,551	6,542	4,019
59091	Medicare (.0145)	14,000	200	14,200	16,000	1,800	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	7,589	2,069	1,420	2,073	1,586	974
56010	Salary-Regulatory Compliance	82,500	0	82,500	90,000	7,500	12	100.00							90,000	0	0	0	0	0
56020	Wages-Regular (Operators)	166,000	1,000	167,000	188,000	21,000	11	-	25.46	16.29	25.52	18.64	10.00	4.09	0	47,865	30,625	47,978	35,043	18,800
56030	Wages-Overtime	5,000	0	5,000	5,300	300	11	-	25.46	16.29	25.52	18.64	10.00	4.09	0	1,349	863	1,353	988	530
57010	Salary-O & M Director	90,000	7,810	97,810	97,000	(810)	12	50.00	12.73	8.15	12.76	9.32	5.00	2.05	48,500	12,348	7,901	12,377	9,040	4,850
	Wages-Regular																			
57020	(Foreman/Mechanic)	110,000	26,600	136,600	143,000	6,400	11	-	25.46	16.29	25.52	18.64	10.00	4.09	0	36,408	23,295	36,494	26,655	14,300
57021	Wages-Summer Help/Intern	-	8,400	8,400	8,400	0	11	-	25.46	16.29	25.52	18.64	10.00	4.09	0	2,139	1,368	2,144	1,566	840
58010	Wages-Lab	66,800	0	66,800	74,000	7,200	2		20.00	20.00	20.00	20.00	20.00		0	14,800	14,800	14,800	14,800	14,800
59010	Salary-Administration	235,000	8,000	243,000	265,000	22,000	12	100.00							265,000	0	0	0	0	0
59040	Commissioners Compensation	18,000	0	18,000	18,000	0	12	100.00							18,000	0	0	0	0	0
59100	Health Insurance	260,000	10,600	270,600	326,000	55,400	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	154,618	42,152	28,925	42,238	32,315	19,853
59110	Life/Disability Insurance	2,800	500	3,300	3,200	(100)	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	1,518	414	284	415	317	195
59120	Wisconsin Retirement	64,000	1,500	65,500	71,000	5,500	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	33,674	9,180	6,300	9,199	7,038	4,324
59200	Sick Leave	7,133	-7,133	0	0	0	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	0	0	0	0	0	0
59220	Stand-By	22,000	1,000	23,000	23,000	0	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	10,909	2,974	2,041	2,980	2,280	1,401
59230	Holiday	27,000	1,000	28,000	29,000	1,000	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	13,754	3,750	2,573	3,757	2,875	1,766
59240	Vacation	95,000	0	95,000	98,000	3,000	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	46,480	12,671	8,695	12,697	9,714	5,968
59250	Funeral	228	-228	0	0	0	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	0	0	0	0	0	0
59270	Call In	1,500	600	2,100	2,000	(100)	13	47.43	12.93	8.87	12.96	9.91	6.09	1.81	949	259	177	259	198	122

Heart of the Valley Metropolitan Sewerage District - 2025

INSURANCE - REVISED METHODOLOGY

		2024	SURPLUS	2024	2025	BUDGET	Allocation	Allocation Percentage (HIDE)						Allocation Dollars						
		EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Code	Demand	Volume	BOD	SS	Phos	Amm	Chi	Demand	Volume	BOD	SS	Phos	Ammonia
		END OF YEAR	DEFICIT			DECREASE														
TOTALS:		\$ 134,494	\$ 5,819	\$ 140,313	\$ 164,562	\$ 24,249		100.00	0	0	0	0	0	0	#####	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
59465	Workers Compensation	10,020	2,280	12,300	11,475	(825)	12	100							11,475					
59440	Crime	578	-53	525	710	185	12	100							710					
59450	Property	100,825	-8	100,817	124,422	23,605	12	100							124,422					
59455	Liability & Cyber	8,417	4,083	12,500	9,900	(2,600)	12	100							9,900					
59460	Vehicles	3,109	-5	3,104	5,611	2,507	12	100							5,611					
59470	Umbrella	5,325	-98	5,227	6,230	1,003	12	100							6,230					
59480	Public Officials Liability	6,220	-380	5,840	6,214	374	12	100							6,214					

Heart of the Valley Metropolitan Sewerage District - 2025

OPERATIONS, MAINTENANCE, & QUALITY CONTROL - REVISED METHODOLOGY

	2024	SURPLUS	2024	2025	BUDGET	Allocation	Allocation Percentages (HIDE)						Allocation Dollars						
	EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Code	Demand	Volume	BOD	SS	Phos	Amm	Chl	Demand	Volume	BOD	SS	Phos	Ammonia
	END OF YEAR	DEFICIT			DECREASE														
TOTALS:	\$ 167,450	\$ 38,550	\$ 206,000	\$ 194,500	\$ (11,500)			38.06	14.90	21.15	14.91	9.82	1.16	\$ 0	\$ 74,023	\$ 28,984	\$ 41,133	\$ 29,004	\$ 19,104
56690 Other Operating Expenses ie: Work Orders, Fire Ext. Recharge, Film, Etc.	1,500	0	1,500	2,000	500			38.06	14.90	21.15	14.91	9.82	1.16		761	298	423	298	196
57701 Communications Equip.	1,500	300	1,800	1,500	(300)	11		25.46	16.29	25.52	18.64	10.00	4.09		382	244	383	280	150
57702 Pumps-All Phases	6,000	1,500	7,500	6,500	(1,000)	14		95.00		5.00					6,175		325		
57703 Valves and Piping	8,000	500	8,500	8,000	(500)	1		100.00							8,000				
57704 Meter Station Support	6,000	0	6,000	6,000	0	1		100.00							6,000				
57705 Sampler Equipment	3,000	1,500	4,500	4,000	(500)	2		20.00	20.00	20.00	20.00	20.00			800	800	800	800	800
57706 Screening & Degritting Equip.	3,500	1,750	5,250	4,500	(750)	15		80.00		20.00					3,600		900		
57707 Chemical Equipment	3,500	3,500	7,000	5,000	(2,000)	16		30.22	18.16	26.53	15.43	9.66	0.00		1,511	908	1,327	772	483
57708 Biostyr Backwash System	6,500	1,500	8,000	7,000	(1,000)	6		5.00	25.00	25.00	5.00	40.00			350	1,750	1,750	350	2,800
57709 Interceptor Sewer Support	2,000	6,000	8,000	6,000	(2,000)	1		100.00							6,000				
57710 Tools	2,500	0	2,500	3,000	500	11		25.46	16.29	25.52	18.64	10.00	4.09		764	489	766	559	300
57711 Sludge Process-All Methods	2,400	600	3,000	3,000	0	7			20.00	50.00	25.00	5.00			0	600	1,500	750	150
57712 Pump Controls	1,500	1,000	2,500	2,000	(500)	14		95.00		5.00					1,900		100		
57713 Instrumentation Equipment	1,000	2,000	3,000	2,000	(1,000)	11		25.46	16.29	25.52	18.64	10.00	4.09		509	326	510	373	200
57714 Plant Electrical Equipment	5,750	300	6,050	6,000	(50)	11		25.46	16.29	25.52	18.64	10.00	4.09		1,528	977	1,531	1,118	600
57715 Actiflo Equipment	30,000	5,000	35,000	32,000	(3,000)	5		55.00	15.00	15.00	15.00				17,600	4,800	4,800	4,800	
57716 Heating Boilers & LP System	2,500	500	3,000	3,000	0	11		25.46	16.29	25.52	18.64	10.00	4.09		764	489	766	559	300
57717 ATAD Equipment	12,000	3,000	15,000	14,000	(1,000)	7			20.00	50.00	25.00	5.00			0	2,800	7,000	3,500	700
57718 Gravity Thickener	500	0	500	500	0	7			20.00	50.00	25.00	5.00			0	100	250	125	25
57719 Heating, Cooling, Ventil.	8,500	2,500	11,000	10,000	(1,000)	11		25.46	16.29	25.52	18.64	10.00	4.09		2,546	1,629	2,552	1,864	1,000
57720 Janitorial Supplies	2,500	500	3,000	3,000	0	11		25.46	16.29	25.52	18.64	10.00	4.09		764	489	766	559	300
57721 Paints & Painting Supplies	1,800	400	2,200	2,000	(200)	11		25.46	16.29	25.52	18.64	10.00	4.09		509	326	510	373	200
57722 Building & Grounds Upkeep	12,000	500	12,500	14,000	1,500	11		25.46	16.29	25.52	18.64	10.00	4.09		3,564	2,281	3,573	2,610	1,400
57723 Scada System & Radio Telemetry	4,000	1,000	5,000	5,000	0	11		25.46	16.29	25.52	18.64	10.00	4.09		1,273	815	1,276	932	500
57724 Biostyr Equipment	2,500	1,000	3,500	3,000	(500)	6		5.00	25.00	25.00	5.00	40.00			150	750	750	150	1,200
57800 Motor Vehicle Expenses	1,000	600	1,600	1,500	(100)	11		25.46	16.29	25.52	18.64	10.00	4.09		382	244	383	280	150
57890 Other Maintenance Expense: ie: Nuts, Bolts, Blades, Etc.	3,000	600	3,600	3,500	(100)	11		25.46	16.29	25.52	18.64	10.00	4.09		891	570	893	652	350
						11		25.46	16.29	25.52	18.64	10.00	4.09						
58480 Laboratory Equipment Repairs	1,000	1,000	2,000	2,000	0	2		20.00	20.00	20.00	20.00	20.00			400	400	400	400	400
58490 Laboratory Expenses	30,000	1,000	31,000	33,000	2,000	2		20.00	20.00	20.00	20.00	20.00			6,600	6,600	6,600	6,600	6,600
58990 Misc. Expenses - Lab	1,500	500	2,000	1,500	(500)	2		20.00	20.00	20.00	20.00	20.00			300	300	300	300	300

Heart of the Valley Metropolitan Sewerage District - 2025

ADMINISTRATION - REVISED METHODOLOGY

		2024	SURPLUS	2024	2025	BUDGET	Allocation	Allocation Percentage (HIDE)						Allocation Dollars						
		EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Code	Demand	Volume	BOD	SS	Phos	Amm	Chl	Demand	Volume	BOD	SS	Phos	Ammonia
		END OF YEAR	DEFICIT			DECREASE														
TOTALS:		\$ 110,941	\$ (391)	\$ 110,550	\$ 124,800	\$ 14,250		75	0	8	12	3	2		\$ 93,800	\$ 0	\$ 10,540	\$ 14,880	\$ 3,410	\$ 2,170
56150	Health & Safety - ie: First Aid, Physicals, Shoes, Glasses, Etc.	16,550	0	16,550	16,000	(550)	12	100							16,000					
59050	Commissioners Expenses	6,400	1,600	8,000	8,000	0	12	100							8,000					
59320	Office Equipment- Rental, Repair, & Service	1,700	-100	1,600	1,800	200	12	100							1,800					
59330	Postage, Shipping, Fax	4,000	-1,500	2,500	4,000	1,500	12	100							4,000					
59340	Stationary, Tapes, Film, Supplies	3,100	0	3,100	3,100	0	12	100							3,100					
59350	Printing and Publications	4,000	-3,000	1,000	2,000	1,000	12	100							2,000					
59360	Education and Training	4,000	3,000	7,000	6,000	(1,000)	12	100							6,000					
59370	Memberships and Subscription - ie: Organizations, Magazines	275	725	1,000	500	(500)	12	100							500					
59380	Environmental Fees/Licenses	30,116	-116	30,000	31,000	1,000	17			34	48	11	7				10,540	14,880	3,410	2,170
59390	Travel Reimbursement	400	800	1,200	800	(400)	12	100							800					
59400	Computer Support & Maintenance	31,000	-3,000	28,000	40,000	12,000	12	100							40,000					
59410	Asset Computer Support	1,500	1,500	3,000	3,000	0	12	100							3,000					
59940	Financial Support - (Water related Public Education Efforts)	1,500	0	1,500	1,500	0	12	100							1,500					
59980	State of Emergency - COVID 19	0	0	0	0	0														
59990	Misc. Expenses - ie: Bank Service Chgs, Meetings, Employee Appreciation Day, Kitchen Supplies, Safety Recognition, Golf Outing, HOV Apparel, etc.	6,400	-300	6,100	7,100	1,000	12	100							7,100					

NR 101 FEES:

Fee, \$	9,860	13,920	3,190	2,030
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Heart of the Valley Metropolitan Sewerage District - 2025

UTILITIES - REVISED METHODOLOGY

	2024 EXPENSE END OF YEAR	SURPLUS VS. DEFICIT	2024 BUDGET	2025 <u>PROPOSED</u>	BUDGET INCREASE/ DECREASE	Allocation Code	Allocation Percentage (HIDE)							Allocation Dollars					
							Demand	Volume	BOD	SS	Phos	Amm	Chl	Demand	Volume	BOD	SS	Phos	Ammonia
TOTALS:	\$ 1,276,850	\$ 367,700	\$ 1,644,550	\$ 1,573,800	\$ (70,750)		4.04	31.11	18.01	22.27	15.66	8.65	0.26	\$ 63,558	\$ 489,565	\$ 283,439	\$ 350,546	\$ 246,468	\$ 136,065
56300 Support Meter Station- 010 - 850 Telemetry and Electricity	8,975	2,175	11,150	10,500	(650)	18	20.00	80.00						2,100	8,400				
56500 Water Utility Plant Use	24,750	-750	24,000	26,000	2,000	11		25.46	16.29	25.52	18.64	10.00	4.09		6,620	4,235	6,635	4,846	2,600
56510 Natural Gas - Plants	56,000	5,000	61,000	59,000	(2,000)	11		25.46	16.29	25.52	18.64	10.00	4.09		15,021	9,611	15,057	10,998	5,900
56530 Gas, Diesel, Propane	1,800	200	2,000	2,200	200	11		25.46	16.29	25.52	18.64	10.00	4.09		560	358	561	410	220
56535 Lubricant - Solvent - Grease	4,500	0	4,500	4,800	300	11		25.46	16.29	25.52	18.64	10.00	4.09		1,222	782	1,225	895	480
56540 Electricity - General Plant	617,500	-17,500	600,000	620,000	20,000		9.09	15.81	23.31	20.66	12.28	18.85		56,358	98,022	144,522	128,092	76,136	116,870
56545 Sulfuric Acid - Odor Control	48,000	10,400	58,400	54,000	(4,400)	7			20.00	50.00	25.00	5.00			10,800	27,000	13,500	2,700	
56560 Alum - Actiflo	285,000	251,000	536,000	475,000	(61,000)	5		55.00	15.00	15.00	15.00				261,250	71,250	71,250	71,250	
56565 Storm Water Utility Fees	4,425	75	4,500	4,700	200	11		25.46	16.29	25.52	18.64	10.00	4.09		1,197	766	1,199	876	470
56570 Alum/Coagulant-Effl Disc Filters	30,000	92,000	122,000	100,000	(22,000)	8		15.00	15.00	35.00	35.00				15,000	15,000	35,000	35,000	
56575 Polymer - DAF Thickening	107,500	19,000	126,500	120,000	(6,500)	7			20.00	50.00	25.00	5.00				24,000	60,000	30,000	6,000
56580 Solids Disposal Fees, Taxes, and Permits	5,500	1,900	7,400	6,500	(900)	7			20.00	50.00	25.00	5.00				1,300	3,250	1,625	325
56590 Sodium Hypochlorite	62,000	0	62,000	65,000	3,000	1		100.00							65,000				
56595 Sodium Bisulfite	14,000	100	14,100	16,000	1,900	1		100.00							16,000				
56600 Other Chemicals & Fabrication Expenses ie: Bleach, Fly Spray, Salt, Torch Gas, Sewer Cleaner	2,000	4,000	6,000	5,000	(1,000)	11		25.46	16.29	25.52	18.64	10.00	4.09		1,273	815	1,276	932	500
59300 Telephone - Local & Long Dist.	4,900	100	5,000	5,100	100	12	100.00							5,100					

Heart of the Valley Metropolitan Sewerage District - 2025

PROFESSIONAL SERVICES - REVISED METHODOLOGY

	2024 EXPENSE END OF YEAR	SURPLUS VS. DEFICIT	2024 BUDGET	2025 <u>PROPOSED</u>	BUDGET INCREASE/ DECREASE	Allocation Code	Allocation Percentage (HIDE)							Allocation Dollars					
							Demand	Volume	BOD	SS	Phos	Amm	Chi	Demand	Volume	BOD	SS	Phos	Ammonia
TOTALS:	\$ 439,137	\$ 21,563	\$ 460,700	\$ 480,700	\$ 20,000		32	10	12	27	14	4	1	\$151,600	\$ 50,221	\$ 56,515	\$127,453	\$ 68,772	\$20,150
56900 Contractual Yearly Service-Operations ie: Interceptor Land Rental, Pager, Alarm Monitoring, Torch Tank Rental	3,000	500	3,500	3,500	0	11		25.46	16.29	25.52	18.64	10.00	4.09		891	570	893	652	350
56950 Misc. Contractual Service-Operations ie: Nursed Sludge Transport	216,000	0	216,000	220,000	4,000	7			20.00	50.00	25.00	5.00				44,000	110,000	55,000	11,000
57900 Contractual Yearly Services-Maint. ie: HVAC Controls and Usage, Instrumentation & Metering	30,000	5,000	35,000	32,000	(3,000)	11		25.46	16.29	25.52	18.64	10.00	4.09		8,147	5,213	8,166	5,965	3,200
57950 Misc. Contractual Services-Maint. ie: Chemical Disposal, Office Cleaning Eaton Drive Maint., Breaker Tests	16,500	2,000	18,500	18,000	(500)	11		25.46	16.29	25.52	18.64	10.00	4.09		4,583	2,932	4,594	3,355	1,800
58942 Outside Lab Testing - Plant	10,000	5,700	15,700	16,000	300	2			20.00	20.00	20.00	20.00	20.00			3,200	3,200	3,200	3,200
58943 Outside Pretreatment Lab Testing	2,500	0	2,500	3,000	500	2			20.00	20.00	20.00	20.00	20.00			600	600	600	600
58980 Antifreeze Disposal	200	0	200	200	0	12	100.00								200				
59900 Contractual Services - Administration	26,600	13,400	40,000	56,000	16,000	12	100.00								56,000				
59910 Accounting & Auditing Services	15,500	0	15,500	15,700	200	12	100.00								15,700				
59920 Legal Services	47,000	-20,000	27,000	30,000	3,000	12	100.00								30,000				
59922 Public Relations	27,500	4,500	32,000	30,000	(2,000)	12	100.00								30,000				
59924 Financial Advisory	0	3,000	3,000	3,000	0	12	100.00								3,000				
59930 Special Projects Support	13,532	-3,532	10,000	10,000	0	18	100.00								10,000				
59950 Inflow Reduction	30,680	4,320	35,000	36,600	1,600	1		100.00							36,600				
59960 Interceptor/Manhole Rehab	0	5,000	5,000	5,000	0	12	100.00								5,000				
59970 FOG Control Program	125	375	500	400	(100)	12	100.00								400				
59975 FOG - Community Televising	0	1,300	1,300	1,300	0	12	100.00								1,300	0	0	0	0

TOTAL COST OF SERVICE

[illegible]

Heart of the Valley Metropolitan Sewerage District

RATE PARAMETERS For 2025 BUDGET - REVISED METHODOLOGY

	BUDGET YEAR 2025	DEMAND (Customer Units)	VOLUME	BOD	SUSPENDED SOLIDS	PHOSPHORUS	AMMONIA	CHLORIDES	RESERVE CAPACITY (Equivalent Meters)
PAYROLL & BENEFITS	\$ 1,522,900	\$ 722,294	\$ 196,911	\$ 135,123	\$ 197,315	\$ 150,958	\$ 92,741	\$ 27,558	\$ -
ADMINISTRATION	\$ 124,800	\$ 93,800	\$ 0	\$ 10,540	\$ 14,880	\$ 3,410	\$ 2,170	\$ -	\$ -
INSURANCE	\$ 164,562	\$ 164,562	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
PROFESSIONAL SERVICES	\$ 480,700	\$ 151,600	\$ 50,221	\$ 56,515	\$ 127,453	\$ 68,772	\$ 20,150	\$ 5,988	\$ -
UTILITIES	\$ 1,573,800	\$ 63,558	\$ 489,565	\$ 283,439	\$ 350,546	\$ 246,468	\$ 136,065	\$ 4,160	\$ -
OPERATIONS, MAINTENANCE, LABORATORY - QC	\$ 194,500	\$ -	\$ 74,023	\$ 28,984	\$ 41,133	\$ 29,004	\$ 19,104	\$ 2,252	\$ -
CAPITAL BUDGET EXPENSES	\$ 95,000	\$ -	\$ 24,187	\$ 15,476	\$ 24,244	\$ 17,708	\$ 9,500	\$ 3,886	\$ -
EXPENDITURE TOTALS:	\$ 4,156,262	\$ 1,195,814	\$ 834,906	\$ 530,077	\$ 755,571	\$ 516,319	\$ 279,731	\$ 43,844	\$ -
REPLACEMENT:	\$ 599,420	\$ -	\$ 198,048	\$ 90,992	\$ 135,349	\$ 88,534	\$ 52,809	\$ 33,687	\$ -
DEBT SERVICE - O & M:	\$ 2,448,798	\$ -	\$ 1,076,525	\$ 360,266	\$ 431,063	\$ 186,535	\$ 394,409	\$ -	\$ -
DEBT SERVICE - RESERVE CAP.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTRACTION METHOD:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
REVENUE NEEDS	\$ 7,204,480	\$ 1,195,814	\$ 2,109,480	\$ 981,335	\$ 1,321,983	\$ 791,389	\$ 726,948	\$ 77,531	\$ -
OUTSIDE INCOME:									
PRETREATMENT	\$ (10,000)	\$ (1,660)	\$ (2,928)	\$ (1,362)	\$ (1,835)	\$ (1,098)	\$ (1,009)	\$ (108)	\$ -
HAULERS	\$ (35,398)	\$ (5,875)	\$ (10,365)	\$ (4,822)	\$ (6,495)	\$ (3,888)	\$ (3,572)	\$ (381)	\$ -
INTEREST INCOME	\$ (315,000)	\$ (52,284)	\$ (92,232)	\$ (42,907)	\$ (57,801)	\$ (34,602)	\$ (31,784)	\$ (3,390)	\$ -
EFFLUENT INCOME (FOX ENERGY)	\$ (190,000)	\$ (31,537)	\$ (55,632)	\$ (25,880)	\$ (34,864)	\$ (20,871)	\$ (19,171)	\$ (2,045)	\$ -
CONNECTION FEES APPLIED	\$ (329,423)	\$ (329,423)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
UNRESTRICTED ASSETS APPLIED	\$ (379,737)		\$ (166,938)	\$ (55,867)	\$ (66,845)	\$ (28,926)	\$ (61,161)		
HOVMSD FARMLAND	\$ (61,610)		\$ (27,085)	\$ (9,064)	\$ (10,845)	\$ (4,693)	\$ (9,923)		
COMMUNITY REQUIRED	\$ 5,883,312	\$ 775,034	\$ 1,754,301	\$ 841,433	\$ 1,143,298	\$ 697,310	\$ 600,328	\$ 71,608	\$ 0

Outside Income Allocation Methodologies:

Pretreatment - Total Cost of Services Percentage
Haulers - Total Cost of Services Percentage
Interest - Total Cost of Services Percentage
ICA Payment - 100% Volume
Effluent Income - Total Cost of Services Percentage
Connection Fees Applied - 100% Reserve Capacity

Heart of the Valley Metropolitan Sewerage District
Proposed Revenue Projections for 2025 Usage & Rates - Revised Methodology

Demand Charge	Customer Units	KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	7,168	\$ 255,846				
Little Chute	5,157		\$ 184,068			
Kimberly	2,888			\$ 103,081		
Combined Locks	1,521				\$ 54,289	
Darboy	4,980					\$ 177,750
	<u>21,714</u>					
25's Need \$	775,034					
Flow X 1000 Gallons		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	838,795	\$ 598,827				
Little Chute	922,502		\$ 658,586			
Kimberly	215,265			\$ 153,681		
Combined Locks	142,652				\$ 101,841	
Darboy	338,088					\$ 241,366
	<u>2,457,302</u>					
25's Need \$	1,754,301					
25's RATE \$	0.714					
BOD #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	1,491,914	\$ 223,793				
Little Chute	2,135,223		\$ 320,292			
Kimberly	415,483			\$ 62,324		
Combined Locks	370,428				\$ 55,566	
Darboy	1,196,366					\$ 179,459
	<u>5,609,415</u>					
25's Need \$	841,433					
25's RATE \$	0.150					
Suspended Solids #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	1,552,729	\$ 324,102				
Little Chute	1,928,934		\$ 402,628			
Kimberly	412,947			\$ 86,195		
Combined Locks	405,568				\$ 84,655	
Darboy	1,177,198					\$ 245,718
	<u>5,477,376</u>					
25's Need \$	1,143,298					
25's RATE \$	0.209					
Phosphorus #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	30,188	\$ 208,507				
Little Chute	36,154		\$ 249,716			
Kimberly	7,506			\$ 51,844		
Combined Locks	6,359				\$ 43,919	
Darboy	20,750					\$ 143,324
	<u>100,957</u>					
25's Need \$	697,310					
25's RATE \$	6.907					
Ammonia #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	153,050	\$ 164,017				
Little Chute	230,183		\$ 246,678			
Kimberly	38,836			\$ 41,619		
Combined Locks	33,324				\$ 35,712	
Darboy	104,792					\$ 112,302
	<u>560,184</u>					
25's Need \$	600,328					
25's RATE \$	1.072					
Chloride #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	3,391,027	\$ 19,110				
Little Chute	5,987,415		\$ 33,742			
Kimberly	1,582,416			\$ 8,918		
Combined Locks	259,964				\$ 1,465	
Darboy	1,485,727					\$ 8,373
	<u>12,706,548</u>					
25's Need \$	71,608					
25's RATE \$	0.006					
Reserve Capacity		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	8,442	\$ -				
Little Chute	6,288		\$ -			
Kimberly	3,495			\$ -		
Combined Locks	1,628				\$ -	
Darboy	5,636					\$ -
	<u>25,489</u>					
25's Need \$	0					
		\$ 1,794,203	\$ 2,095,711	\$ 507,661	\$ 377,446	\$ 1,108,291
Proposed 2025 Revenues		\$ 5,883,312				

HEART OF THE VALLEY METROPOLITAN
SEWERAGE DISTRICT

EXISTING USER CHARGE RATE METHODOLOGY

Heart of the Valley Metropolitan Sewerage District - 2025

REPLACEMENT FUND

		2024	2025	Allocation Percentage (HIDE)						Allocation Dollars					
		BUDGET	PROPOSED	Vol	BOD	SS	Phos	Amm	Chi	Volume	BOD	SS	Phos	Ammonia	Chlorides
TOTALS:		\$ 617,913	\$ 599,420							\$ 264,764	\$ 80,682	\$ 114,190	\$ 50,591	\$ 60,242	\$ 28,952
<u>EQUIPMENT</u>															
12000	Capital Assets	617,913	599,420	100.00						\$ 264,764	\$ 80,682	\$ 114,190	\$ 50,591	\$ 60,242	\$ 28,952
				100.00											
				100.00											
				27.41	19.05	22.81	9.87	20.86							
				27.41	19.05	22.81	9.87	20.86							
				100.00											
					28.00	48.00	24.00								
					28.00	48.00	24.00								
				100.00											
				27.41	19.05	22.81	9.87	20.86							
				27.41	19.05	22.81	9.87	20.86							
				27.41	19.05	22.81	9.87	20.86							
				27.41	19.05	22.81	9.87	20.86							
				27.41	19.05	22.81	9.87	20.86							
				100.00											
				50.00		50.00									
				100.00											
				100.00											
						100.00									
					28.00	48.00	24.00								
				100.00											
									100.00						
					28.00	48.00	24.00								
				100.00											
					28.00	48.00	24.00								
				27.41	19.05	22.81	9.87	20.86							
					20.00	20.00	20.00	20.00	20.00						
				25.00	25.00	25.00	25.00								
				27.41	19.05	22.81	9.87	20.86							
				27.41	19.05	22.81	9.87	20.86							
				27.41	19.05	22.81	9.87	20.86							
									100.00						

Reserve Capacity Capital Cost Allocation
Heart of the Valley Metropolitan Sewerage District

ITEM	EQUIPMENT	COST	ALLOCATION						
			Flow	BOD	TSS	P	NH ₃ -N		
	4M Weir	\$5,000	100	--	--	--	--	--	--
	Peak Flow Bar Screen + WAP	\$133,110	100	--	--	--	--	--	--
	New 25 MGD Pumps	\$369,934	100	--	--	--	--	--	--
	PE Pump Modifications	\$268,000	100	--	--	--	--	--	--
	Grit Removal System	\$194,000	100	--	--	--	--	--	--
	Actiflo	\$2,500,000	55	15	\$375,000	15	\$375,000	0	\$0
	BAF	\$4,900,000	5	25	\$1,225,000	5	\$245,000	40	\$1,960,000
	ATAD	\$1,400,000	--	20	\$280,000	50	\$700,000	5	\$70,000
	DAF Upgrade	\$300,000	--	20	\$60,000	50	\$150,000	5	\$15,000
	Sludge Storage Tank	\$535,535	--	20	\$107,107	50	\$267,768	5	\$26,777
	Chlorination/Dechlorination	\$169,137	100	--	--	--	--	--	--
	Slide Gates	\$101,400	100	--	--	--	--	--	--
	Sludge and Scum Pumps	\$47,829	--	20	\$9,566	50	\$23,915	5	\$2,391
	Flow Meters	\$87,131	20	20	\$17,426	20	\$17,426	20	\$17,426
	DAF Polymer	\$50,000	--	20	\$10,000	50	\$25,000	5	\$2,500
	Structures								
	Special MH1	\$250,000	100	--	--	--	--	--	--
	Actiflo	\$2,500,000	55	15	\$375,000	15	\$375,000	0	\$0
	BAF	\$4,450,000	5	25	\$1,112,500	5	\$222,500	40	\$1,780,000
	Spent Backwash Tank	\$50,000	--	--	--	--	--	100	\$50,000
	Peak Flow Disinfection Tank	\$250,000	100	--	--	--	--	--	--
	Chlorine Contact Tank	\$150,000	100	--	--	--	--	--	--
	Peak Flow Wet Well	\$50,000	100	--	--	--	--	--	--
	Blower Building	\$250,000	20	20	\$50,000	20	\$50,000	20	\$50,000
	Biofilter	\$51,200	--	20	\$10,240	50	\$25,600	5	\$2,560
	Subtotal	\$19,062,276			\$3,631,839		\$1,881,067		\$3,976,654
	% of Cost	100			19.05		9.87		20.86
	Mechanical + HVAC + Plumbing	\$6,288,000	27.41	19.05	\$1,198,021	22.81	\$1,433,997	9.87	\$1,311,764
	MCC + System Integration	\$1,777,495	27.41	19.05	\$338,657	22.81	\$405,363	9.87	\$370,810
	Electrical	\$2,600,000	27.41	19.05	\$495,365	22.81	\$592,938	9.87	\$542,396
	Landscaping/Site work	\$918,000	27.41	19.05	\$174,902	22.81	\$209,353	9.87	\$191,507
	Subtotal	\$30,645,771			\$5,838,784		\$6,988,858		\$6,393,132
	Engineering	\$2,447,000	27.41	19.05	\$466,215	22.81	\$558,046	9.87	\$510,478
	Contingencies	\$919,373	27.41	19.05	\$175,164	22.81	\$209,666	9.87	\$191,794
	Total	\$34,012,144			\$6,480,162		\$7,756,570		\$7,095,404
	Reserve Capacity Allocation	\$8,408,902	8.5	30.85	\$1,999,130	30.85	\$2,392,902	30.85	\$2,188,932

Reserve Capacity Percentage 24.7%

Heart of the Valley Metropolitan Sewerage District - 2025

PAYROLL & BENEFITS

[illegible]

Heart of the Valley Metropolitan Sewerage District - 2025

INSURANCE

		2024	SURPLUS	2024	2025	BUDGET	Allocation Percentage (HIDE)						Allocation Dollars					
		EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Demand	Volume	BOD	SS	Phos	Amm	Demand	Volume	BOD	SS	Phos	Ammonia
		END OF YEAR	DEFICIT			DECREASE												
TOTALS:		\$ 134,494	\$ 5,819	\$ 140,313	\$ 164,562	\$ 24,249	94	2	1	1	1	1	\$154,923	\$ 2,643	\$ 1,836	\$ 2,199	\$ 951	\$ 2,010
59465	Workers Compensation	10,020	2,280	12,300	11,475	(825)	16.00	23.03	16.00	19.16	8.29	17.52	1,836	2,643	1,836	2,199	951	2,010
59440	Crime	578	-53	525	710	185	100						710					
59450	Property	100,825	-8	100,817	124,422	23,605	100						124,422					
59455	Liability & Cyber	8,417	4,083	12,500	9,900	(2,600)	100						9,900					
59460	Vehicles	3,109	-5	3,104	5,611	2,507	100						5,611					
59470	Umbrella	5,325	-98	5,227	6,230	1,003	100						6,230					
59480	Public Officials Liability	6,220	-380	5,840	6,214	374	100						6,214					

Heart of the Valley Metropolitan Sewerage District - 2025

OPERATIONS, MAINTENANCE, & QUALITY CONTROL

	2024	SURPLUS	2024	2025	BUDGET	Allocation Percentages (HIDE)						Allocation Dollars					
	EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Demand	Volume	BOD	SS	Phos	Amm	Demand	Volume	BOD	SS	Phos	Ammonia
	END OF YEAR	DEFICIT			DECREASE												
TOTALS:	\$ 167,450	\$ 38,550	\$ 206,000	\$ 194,500	\$ (11,500)	0	35	19	22	12	13	\$ 0	\$ 67,435	\$ 36,060	\$ 42,295	\$ 22,550	\$ 26,160
56690 Other Operating Expenses ie: Work Orders, Fire Ext. Recharge, Film, Etc.	1,500	0	1,500	2,000	500		27.41	19.05	22.81	9.87	20.86		548	381	456	197	417
57701 Communications Equip.	1,500	300	1,800	1,500	(300)		27.41	19.05	22.81	9.87	20.86		411	286	342	148	313
57702 Pumps-All Phases	6,000	1,500	7,500	6,500	(1,000)		95.00		5.00				6,175		325		
57703 Valves and Piping	8,000	500	8,500	8,000	(500)		100.00						8,000				
57704 Meter Station Support	6,000	0	6,000	6,000	0		100.00						6,000				
57705 Sampler Equipment	3,000	1,500	4,500	4,000	(500)		27.41	19.05	22.81	9.87	20.86		1,096	762	912	395	834
57706 Screening & Degritting Equip.	3,500	1,750	5,250	4,500	(750)		80.00		20.00				3,600		900		
57707 Chemical Equipment	3,500	3,500	7,000	5,000	(2,000)			50.00			50.00			2,500			2,500
57708 Biostyr Backwash System	6,500	1,500	8,000	7,000	(1,000)		5.00	25.00	25.00	5.00	40.00		350	1,750	1,750	350	2,800
57709 Interceptor Sewer Support	2,000	6,000	8,000	6,000	(2,000)		100.00						6,000				
57710 Tools	2,500	0	2,500	3,000	500		27.41	19.05	22.81	9.87	20.86		822	572	684	296	626
57711 Sludge Process-All Methods	2,400	600	3,000	3,000	0			28.00	48.00	24.00				840	1,440	720	
57712 Pump Controls	1,500	1,000	2,500	2,000	(500)		95.00		5.00				1,900		100		
57713 Instrumentation Equipment	1,000	2,000	3,000	2,000	(1,000)		27.41	19.05	22.81	9.87	20.86		548	381	456	197	417
57714 Plant Electrical Equipment	5,750	300	6,050	6,000	(50)		27.41	19.05	22.81	9.87	20.86		1,645	1,143	1,369	592	1,252
57715 Actiflo Equipment	30,000	5,000	35,000	32,000	(3,000)		25.00	25.00	25.00	25.00			8,000	8,000	8,000	8,000	
57716 Heating Boilers & LP System	2,500	500	3,000	3,000	0		27.41	19.05	22.81	9.87	20.86		822	572	684	296	626
57717 ATAD Equipment	12,000	3,000	15,000	14,000	(1,000)			28.00	48.00	24.00				3,920	6,720	3,360	
57718 Gravity Thickener	500	0	500	500	0				50.00	50.00					250	250	
57719 Heating, Cooling, Ventil.	8,500	2,500	11,000	10,000	(1,000)		27.41	19.05	22.81	9.87	20.86		2,741	1,905	2,281	987	2,086
57720 Janitorial Supplies	2,500	500	3,000	3,000	0		27.41	19.05	22.81	9.87	20.86		822	572	684	296	626
57721 Paints & Painting Supplies	1,800	400	2,200	2,000	(200)		27.41	19.05	22.81	9.87	20.86		548	381	456	197	417
57722 Building & Grounds Upkeep	12,000	500	12,500	14,000	1,500		27.41	19.05	22.81	9.87	20.86		3,837	2,667	3,193	1,382	2,920
57723 Scada System & Radio Telemetry	4,000	1,000	5,000	5,000	0		27.41	19.05	22.81	9.87	20.86		1,371	953	1,141	494	1,043
57724 Biostyr Equipment	2,500	1,000	3,500	3,000	(500)		27.41	19.05	22.81	9.87	20.86		822	572	684	296	626
57800 Motor Vehicle Expenses	1,000	600	1,600	1,500	(100)		27.41	19.05	22.81	9.87	20.86		411	286	342	148	313
57890 Other Maintenance Expense: ie: Nuts, Bolts, Blades, Etc.	3,000	600	3,600	3,500	(100)		27.41	19.05	22.81	9.87	20.86		959	667	798	345	730
58480 Laboratory Equipment Repairs	1,000	1,000	2,000	2,000	0		27.41	19.05	22.81	9.87	20.86		548	381	456	197	417
58490 Laboratory Expenses	30,000	1,000	31,000	33,000	2,000		27.41	19.05	22.81	9.87	20.86		9,045	6,287	7,527	3,257	6,884
58990 Misc. Expenses - Lab	1,500	500	2,000	1,500	(500)		27.41	19.05	22.81	9.87	20.86		411	286	342	148	313

Heart of the Valley Metropolitan Sewerage District - 2025

ADMINISTRATION

		2024	SURPLUS	2024	2025	BUDGET	Allocation Percentage (HIDE)						Allocation Dollars					
		EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Demand	Volume	BOD	SS	Phos	Amm	Demand	Volume	BOD	SS	Phos	Ammonia
		END OF YEAR	DEFICIT			DECREASE												
TOTALS:		\$ 110,941	\$ (391)	\$ 110,550	\$ 124,800	\$ 14,250	75	0	8	12	3	2	\$ 93,800	\$ 0	\$ 10,540	\$ 14,880	\$ 3,410	\$ 2,170
56150	Health & Safety - ie: First Aid, Physicals, Shoes, Glasses, Etc.	16,550	0	16,550	16,000	(550)	100						16,000					
59050	Commissioners Expenses	6,400	1,600	8,000	8,000	0	100						8,000					
59320	Office Equipment- Rental, Repair, & Service	1,700	-100	1,600	1,800	200	100						1,800					
59330	Postage, Shipping, Fax	4,000	-1,500	2,500	4,000	1,500	100						4,000					
59340	Stationary, Tapes, Film, Supplies	3,100	0	3,100	3,100	0	100						3,100					
59350	Printing and Publications	4,000	-3,000	1,000	2,000	1,000	100						2,000					
59360	Education and Training	4,000	3,000	7,000	6,000	(1,000)	100						6,000					
59370	Memberships and Subscription - ie: Organizations, Magazines	275	725	1,000	500	(500)	100						500					
59380	Environmental Fees/Licenses	30,116	-116	30,000	31,000	1,000			34	48	11	7			10,540	14,880	3,410	2,170
59390	Travel Reimbursement	400	800	1,200	800	(400)	100						800					
59400	Computer Support & Maintenance	31,000	-3,000	28,000	40,000	12,000	100						40,000					
59410	Asset Computer Support	1,500	1,500	3,000	3,000	0	100						3,000					
59940	Financial Support - (Water related Public Education Efforts)	1,500	0	1,500	1,500	0	100						1,500					
59980	State of Emergency - COVID 19	0	0	0	0	0												
59990	Misc. Expenses - ie: Bank Service Chgs, Meetings, Employee Appreciation Day, Kitchen Supplies, Safety Recognition, Golf Outing, HOV Apparel, etc.	6,400	-300	6,100	7,100	1,000	100						7,100					

NR 101 FEES:

Fee, \$	9,860	13,920	3,190	2,030
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Heart of the Valley Metropolitan Sewerage District - 2025

UTILITIES

		2024	SURPLUS	2024	2025	BUDGET	Allocation Percentage (HIDE)						Allocation Dollars					
		EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Demand	Volume	BOD	SS	Phos	Amm	Demand	Volume	BOD	SS	Phos	Ammonia
		END OF YEAR	DEFICIT			DECREASE												
TOTALS:		\$ 1,276,850	\$ 367,700	\$ 1,644,550	\$ 1,573,800	\$ (70,750)	4	23	23	24	17	9	\$63,558	\$358,935	\$ 358,466	\$ 381,783	\$ 273,955	\$ 137,104
56300	Support Meter Station-010 - 850 Telemetry and Electricity	8,975	2,175	11,150	10,500	(650)	20.00	80.00					2,100	8,400				
56500	Water Utility Plant Use	24,750	-750	24,000	26,000	2,000		27.41	19.05	22.81	9.87	20.86		7,127	4,953	5,931	2,566	5,424
56510	Natural Gas - Plant's	56,000	5,000	61,000	59,000	(2,000)		27.41	19.05	22.81	9.87	20.86		16,172	11,240	13,458	5,823	12,307
56530	Gas, Diesel, Propane	1,800	200	2,000	2,200	200		27.41	19.05	22.81	9.87	20.86		603	419	502	217	459
56535	Lubricant - Solvent - Grease	4,500	0	4,500	4,800	300		27.41	19.05	22.81	9.87	20.86		1,316	914	1,095	474	1,001
56540	Electricity - General Plant	617,500	-17,500	600,000	620,000	20,000	9.09	15.81	23.31	20.66	12.28	18.85	56,358	98,022	144,522	128,092	76,136	116,870
56545	Sulfuric Acid - Odor Control	48,000	10,400	58,400	54,000	(4,400)			28.00	48.00	24.00			15,120	25,920	12,960		
56560	Ferric Sulfate/Alum	285,000	251,000	536,000	475,000	(61,000)		25.00	25.00	25.00	25.00		118,750	118,750	118,750	118,750		
56565	Storm Water Utility Fees	4,425	75	4,500	4,700	200		25.00	25.00	25.00	25.00		1,175	1,175	1,175	1,175		
56570	Alum/Coagulant-Effl Disc Filters	30,000	92,000	122,000	100,000	(22,000)		25.00	25.00	25.00	25.00		25,000	25,000	25,000	25,000		
56575	Polymer - DAF Thickening	107,500	19,000	126,500	120,000	(6,500)			28.00	48.00	24.00			33,600	57,600	28,800		
56580	Solids Disposal Fees, Taxes, and Permits	5,500	1,900	7,400	6,500	(900)			28.00	48.00	24.00			1,820	3,120	1,560		
56590	Sodium Hypochlorite	62,000	0	62,000	65,000	3,000		100.00						65,000				
56595	Sodium Bisulfite	14,000	100	14,100	16,000	1,900		100.00						16,000				
56600	Other Chemicals & Fabrication Expenses	2,000	4,000	6,000	5,000	(1,000)		27.41	19.05	22.81	9.87	20.86		1,371	953	1,141	494	1,043
	ie: Bleach, Fly Spray, Salt, Torch Gas, Sewer Cleaner																	
59300	Telephone - Local & Long Dist.	4,900	100	5,000	5,100	100	100.00						5,100					

Heart of the Valley Metropolitan Sewerage District - 2025

PROFESSIONAL SERVICES

		2024	SURPLUS	2024	2025	BUDGET	Allocation Percentage (HIDE)						Allocation Dollars					
		EXPENSE	VS.	BUDGET	PROPOSED	INCREASE/	Demand	Volume	BOD	SS	Phos	Amm	Demand	Volume	BOD	SS	Phos	Ammonia
		END OF YEAR	DEFICIT			DECREASE												
TOTALS:		\$ 439,137	\$ 21,563	\$ 460,700	\$ 480,700	\$ 20,000	30	13	16	25	12	3	\$143,600	\$ 64,472	\$ 75,411	\$122,137	\$ 59,956	\$ 15,124
56900	Contractual Yearly Service-Operations ie: Interceptor Land Rental, Pager, Alarm Monitoring, Torch Tank Rental	3,000	500	3,500	3,500	0		27.41	19.05	22.81	9.87	20.86		959	667	798	345	730
56950	Misc. Contractual Service-Operations ie: Nursed Sludge Transport	216,000	0	216,000	220,000	4,000			28.00	48.00	24.00				61,600	105,600	52,800	
57900	Contractual Yearly Services-Maint. ie: HVAC Controls and Usage, Instrumentation & Metering	30,000	5,000	35,000	32,000	(3,000)		27.41	19.05	22.81	9.87	20.86		8,771	6,096	7,299	3,158	6,675
57950	Misc. Contractual Services-Maint. ie: Chemical Disposal, Office Cleaning Eaton Drive Maint., Breaker Tests	16,500	2,000	18,500	18,000	(500)		27.41	19.05	22.81	9.87	20.86		4,934	3,429	4,106	1,777	3,755
58942	Outside Lab Testing - Plant	10,000	5,700	15,700	16,000	300		27.41	19.05	22.81	9.87	20.86		4,386	3,048	3,650	1,579	3,338
58943	Outside Pretreatment Lab Testing	2,500	0	2,500	3,000	500		27.41	19.05	22.81	9.87	20.86		822	572	684	296	626
58980	Antifreeze Disposal	200	0	200	200	0	100						200					
59900	Contractual Services - Administration	26,600	13,400	40,000	56,000	16,000	100						56,000					
59910	Accounting & Auditing Services	15,500	0	15,500	15,700	200	100						15,700					
59920	Legal Services	47,000	-20,000	27,000	30,000	3,000	100						30,000					
59922	Public Relations	27,500	4,500	32,000	30,000	(2,000)	100						30,000					
59924	Financial Advisory	0	3,000	3,000	3,000	0	100						3,000					
59930	Special Projects Support	13,532	-3,532	10,000	10,000	0							2,000	8,000				
59950	Inflow Reduction	30,680	4,320	35,000	36,600	1,600		100					36,600					
59960	Interceptor/Manhole Rehab	0	5,000	5,000	5,000	0	100						5,000					
59970	FOG Control Program	125	375	500	400	(100)	100						400					
59975	FOG - Community Televising	0	1,300	1,300	1,300	0	100						1,300	0	0	0		0

TOTAL COST OF SERVICE

[illegible]

Heart of the Valley Metropolitan Sewerage District

RATE PARAMETERS For 2025 BUDGET

	BUDGET YEAR 2025	DEMAND (Customer Units)	VOLUME	BOD	SUSPENDED SOLIDS	PHOSPHORUS	AMMONIA	CHLORIDES	RESERVE CAPACITY (Equivalent Meters)
PAYROLL & BENEFITS	\$ 1,522,900	\$ 243,664	\$ 350,724	\$ 243,664	\$ 291,788	\$ 126,248	\$ 266,812	\$ -	\$ -
ADMINISTRATION	\$ 124,800	\$ 93,800	\$ 0	\$ 10,540	\$ 14,880	\$ 3,410	\$ 2,170	\$ -	\$ -
INSURANCE	\$ 164,562	\$ 154,923	\$ 2,643	\$ 1,836	\$ 2,199	\$ 951	\$ 2,010	\$ -	\$ -
PROFESSIONAL SERVICES	\$ 480,700	\$ 143,600	\$ 64,472	\$ 75,411	\$ 122,137	\$ 59,956	\$ 15,124	\$ -	\$ -
UTILITIES	\$ 1,573,800	\$ 63,558	\$ 358,935	\$ 358,466	\$ 381,783	\$ 273,955	\$ 137,104	\$ -	\$ -
OPERATIONS, MAINTENANCE, LABORATORY - QC	\$ 194,500	\$ -	\$ 67,435	\$ 36,060	\$ 42,295	\$ 22,550	\$ 26,160	\$ -	\$ -
CAPITAL BUDGET EXPENSES	\$ 95,000	\$ 95,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
EXPENDITURE TOTALS:	\$ 4,156,262	\$ 794,545	\$ 844,209	\$ 725,977	\$ 855,081	\$ 487,070	\$ 449,380	\$ -	\$ -
REPLACEMENT:	\$ 599,420	\$ -	\$ 264,764	\$ 80,682	\$ 114,190	\$ 50,591	\$ 60,242	\$ 28,952	\$ -
DEBT SERVICE - O & M:	\$ 2,448,798	\$ -	\$ 1,076,525	\$ 360,266	\$ 431,063	\$ 186,535	\$ 394,409	\$ -	\$ -
DEBT SERVICE - RESERVE CAP.:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
SUBTRACTION METHOD:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
REVENUE NEEDS	\$ 7,204,480	\$ 794,545	\$ 2,185,497	\$ 1,166,924	\$ 1,400,334	\$ 724,196	\$ 904,031	\$ 28,952	\$ -
OUTSIDE INCOME:									
PRETREATMENT	\$ (10,000)	\$ (1,103)	\$ (3,034)	\$ (1,620)	\$ (1,944)	\$ (1,005)	\$ (1,255)	\$ (40)	\$ -
HAULERS	\$ (35,398)	\$ (3,904)	\$ (10,738)	\$ (5,733)	\$ (6,880)	\$ (3,558)	\$ (4,442)	\$ (142)	\$ -
INTEREST INCOME	\$ (315,000)	\$ (34,740)	\$ (95,556)	\$ (51,021)	\$ (61,227)	\$ (31,664)	\$ (39,527)	\$ (1,266)	\$ -
EFFLUENT INCOME (FOX ENERGY)	\$ (190,000)	\$ (20,954)	\$ (57,637)	\$ (30,775)	\$ (36,930)	\$ (19,099)	\$ (23,842)	\$ (764)	\$ -
CONNECTION FEES APPLIED	\$ (329,423)	\$ (329,423)							
UNRESTRICTED ASSETS APPLIED	\$ (379,737)		\$ (166,938)	\$ (55,867)	\$ (66,845)	\$ (28,926)	\$ (61,161)		
HOVMSD FARMLAND	\$ (61,610)		\$ (27,085)	\$ (9,064)	\$ (10,845)	\$ (4,693)	\$ (9,923)		
COMMUNITY REQUIRED	\$ 5,883,312	\$ 404,421	\$ 1,824,511	\$ 1,012,845	\$ 1,215,663	\$ 635,251	\$ 763,881	\$ 26,740	\$ 0

Outside Income Allocation Methodologies:

Pretreatment - Total Cost of Services Percentage

Haulers - Total Cost of Services Percentage

Interest - Total Cost of Services Percentage

ICA Payment - 100% Volume

Effluent Income - Total Cost of Services Percentage

Connection Fees Applied - 100% Reserve Capacity

Heart of the Valley Metropolitan Sewerage District
Proposed Revenue Projections for 2025 Usage & Rates

Demand Charge	Customer Units	KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	7,168	\$ 133,503				
Little Chute	5,157		\$ 96,049			
Kimberly	2,888			\$ 53,789		
Combined Locks	1,521				\$ 28,328	
Darboy	4,980					\$ 92,752
	<u>21,714</u>					
25's Need \$	404,421					
Flow X 1000 Gallons		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	838,795	\$ 622,793				
Little Chute	922,502		\$ 684,944			
Kimberly	215,265			\$ 159,831		
Combined Locks	142,652				\$ 105,917	
Darboy	338,088					\$ 251,025
	<u>2,457,302</u>					
25's Need \$	1,824,511					
25's RATE \$	0.742					
BOD #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	1,491,914	\$ 269,382				
Little Chute	2,135,223		\$ 385,539			
Kimberly	415,483			\$ 75,020		
Combined Locks	370,428				\$ 66,885	
Darboy	1,196,366					\$ 216,018
	<u>5,609,415</u>					
25's Need \$	1,012,845					
25's RATE \$	0.181					
Suspended Solids #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	1,552,729	\$ 344,617				
Little Chute	1,928,934		\$ 428,113			
Kimberly	412,947			\$ 91,651		
Combined Locks	405,568				\$ 90,013	
Darboy	1,177,198					\$ 261,270
	<u>5,477,376</u>					
25's Need \$	1,215,663					
25's RATE \$	0.222					
Phosphorus #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	30,188	\$ 189,951				
Little Chute	36,154		\$ 227,492			
Kimberly	7,506			\$ 47,230		
Combined Locks	6,359				\$ 40,010	
Darboy	20,750					\$ 130,568
	<u>100,957</u>					
25's Need \$	635,251					
25's RATE \$	6.292					
Ammonia #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	153,050	\$ 208,702				
Little Chute	230,183		\$ 313,883			
Kimberly	38,836			\$ 52,957		
Combined Locks	33,324				\$ 45,442	
Darboy	104,792					\$ 142,897
	<u>560,184</u>					
25's Need \$	763,881					
25's RATE \$	1.364					
Chloride #'s		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	3,391,027	\$ 7,136				
Little Chute	5,987,415		\$ 12,600			
Kimberly	1,582,416			\$ 3,330		
Combined Locks	259,964				\$ 547	
Darboy	1,485,727					\$ 3,127
	<u>12,706,548</u>					
25's Need \$	26,740					
25's RATE \$	0.002					
Reserve Capacity		KAUKAUNA	LITTLE CHUTE	KIMBERLY	COMBINED LOCKS	DARBOY
Kaukauna	8,442	\$ -				
Little Chute	6,288		\$ -			
Kimberly	3,495			\$ -		
Combined Locks	1,628				\$ -	
Darboy	5,636					\$ -
	<u>25,489</u>					
25's Need \$	0					
		\$ 1,776,084	\$ 2,148,620	\$ 483,808	\$ 377,142	\$ 1,097,657
Proposed 2025 Revenues		\$ 5,883,312				