



FINAL - FY 2026 Units of Service Report

Uniform Forecast Period
October 1, 2021 – September 30, 2024

Water System

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Compiled by: Charges Outreach & Modeling Team

Matt Lane, Manager

Guy Belew, Management Professional

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Introduction

A component of the water charges development process for the upcoming fiscal year is developing a forecast of projected water volumes for each community. This forecast is based on a three-year average derived from usage and billing data known as the “Uniform Forecast Period” period. Together with colleagues across the Great Lakes Water Authority (GLWA) organization, the Charges Outreach & Modeling Team reviews the data and prepares an analysis to establish the water units of service for the water service charges for the next year. Annually a preliminary calculation is presented at Charges Rollout #2. For the upcoming FY 2026 charges, that meeting was held on November 12, 2024 and included billing data for the unclosed period of September 2024. This final version of the report, dated February 13, 2025, reflects updated actual data from the closed period including any billing adjustments, finalized estimates, or billing changes. Those updates did not have a material impact on the projected volumetric demands.

How Units of Service Impact Annual Charges

The water system charge methodology provides that 60% of the annual charge is based on a fixed amount and that 40% is based on a commodity charge. Commodity, units of service, and demand are several ways of conveying the same concept. Charges are established based on forecasted demand and subsequently billed based on the actual flow of water through their communities’ master meters (or some established proxy if there are no master meters in place).

Uniform Forecast Period

The Uniform Forecast Period is based on the premise that the same timeframe is used for all members partners (hence, it is uniform) and spans a 36-month period ending September 30th in the year preceding the next fiscal year. For the FY 2026 charges, the forecast period spans October 2021 through September 2024.

The uniform forecast period also considers that water demand is not consistent throughout the year. For this reason, the analysis takes into account that there are base months and peak months. Base months include those with more stable demand patterns and include October through March. Peak months tend to be higher usage and have greater fluctuation based on seasonal needs in our region. Peak months include April through September.

Nationally, water demands continue to decline for several reasons such as more water efficient plumbing fixtures and water resource conservation efforts. For this reason, the methodology includes a final step to reduce the historic data by 1% annually to account for the declining demand trend.

As a recap, the “Uniform Forecasting Method” projects anticipated commodity volume demand for the upcoming fiscal year based on an average of the last 3 years, with the base month averages adjusted downward by 1.0% annually to reflect water use patterns. The peak months are not adjusted.

Water System Units of Service

The preliminary Units of Service for each Member Partner for the upcoming FY 2026 Water Cost of Service Study were presented at Charges Rollout #2 on November 12, 2024. This “final” report reflects billing information from September 2024 that was not available when the “preliminary” report was published. In addition, the report also reflects the negotiated reduction in projected volume for the City of Highland Park.

A county-level summary of water units is shown in the table below (expressed in Mcf).

Summary by County (Mcf)				
County	FY 2025 Charges	FY 2026 Charges	Difference	% Change
Macomb	3,330,670	3,285,660	(45,010)	-1.35%
Oakland	4,082,500	4,057,300	(25,200)	-0.62%
Wayne	4,739,900	4,698,200	(41,700)	-0.88%
Other*	1,121,120	1,102,040	(19,080)	-1.70%
Subtotal	13,274,190	13,143,200	(130,990)	-0.99%
Detroit	4,230,000	4,231,000	1,000	0.02%
Total	17,504,190	17,374,200	(129,990)	-0.74%

*Other includes all member partners in Washtenaw, St Clair, Monroe, Lapeer & Genesee Counties.

For the purpose of calculating FY 2026 charges, system-wide demands are anticipated to decrease by 129,990 Mcf or 0.74 percent based on the uniform forecasting period. Suburban Wholesale volumes are down by 0.99 percent. Since 40 percent of charges revenue is recovered through commodity charges (based on demand), this equates to a structural revenue variance of -0.39 percent.

[a]	[b]	[c]	[d]	[e]	[f]
FY 2025 Volumes (mcf)	Proposed FY 2026 Projected Volume (mcf)	Change (mcf)	Metered Member Partner Volume Change %	Commodity Charge Factor	Cost Recovery Charge Impact
		[b] - [a]	[c] / [a]		[d] * [e]
13,274,190	13,143,200	(130,990)	-0.99%	40%	-0.39%

Appendix 1 – Schedule of Final Proposed Water Units of Service – Sales Volumes presents the calculation of projected “Wholesale Water Sales” for each Member Partner, separated into:

- “Base months” (October through March)
- “Peak Months” (April through September)
- Annual totals

It should be noted that in some cases, this data reflects our interpretation of billing adjustments for prior periods, and other related adjustments. In these instances, forecasted sales are highlighted in yellow.

Appendix 2 – Comparison of FY 2025 Approved & FY 2026 Final Proposed Units of Service – Sales Volumes presents a comparison of water units of service between the approved FY 2025 Cost of Service study and the FY 2026 units of service included in the FY 2026 Cost of Service analysis.

The units of service for “non master metered” Member Partners (Detroit, Dearborn, Highland Park) include “wholesale proxy” volumes based on the Black & Veatch Units of Service (UoS) Studies (Phase 1 and Phase 2). The proposed max day and peak hour demands for these Member Partners continue to be presumed to be “locked in” for the four-year Contract Alignment Process (“CAP”) period to put those customers on the same basis as the Master Metered customers.

Appendix 3 - Final Water Units of Service FY Comparison- FY 2025 & FY 2026 presents a comparison of the projected wholesale volumes converted into “average day demands” in millions of gallons per day (mgd) and also present the max day and peak hour demands, also in mgd.

Max Day/ Peak Hour Demands

The max day and peak hour demands for all of the Master Metered Member Partners, with the exception of Northville Township, reflect the current amounts that were used for the FY 2025 Water Cost of Service Study and the current water charges. Those amounts were negotiated via the CAP process during 2022 and are scheduled to remain in place through FY 2027. Northville Township reduced their peak hour demand from 13.5 mgd to 9 mgd by installing an additional 0.5 mgd elevated storage tank.

Should there be any questions or comments, please contact us at charges@glwater.org

APPENDIX

Appendix 1 - Schedule of Final Proposed Water Units of Service – Sales Volumes

The Preliminary Proposed Schedule of Water Units of Service on the next page is scaled to fit an 11x17 inch page setup.

GLWA Wholesale Master Metered Water Sales Volumes - BASE Months - *Mcf*
October through March

Note for columns 5 and 6 that the calculation refers to the “base month adjustment” factor and “peak month adjustment factor” of 0.98. That factor of 0.98 is calculated as 100 percent less the average of the sum of 1% for three years for period ending September 2022 (or 3%) plus 1% for two years for period ending September 2023 (or 2%) plus 1% for one years for period ending September 2024 (or 1%) or (100 – (average of 3+2+1) or 98%.

Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Base 2021	Base 2022	Base 2023	Base 2024	Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		10/20 - 3/21	10/21 - 3/22	10/22 - 3/23	10/23 - 3/24	FY 2025 Proj	FY 2026 Proj	Volume	Percent	Volume	Percent
						(1) ~ (3) Avg	(2) ~ (4) Avg	(6) - (5)	(7) / (5)	(6) - (4)	(9) / (4)
	Adjustment Factor:					98.0%	98.0%				
1	Allen Park	81,831	65,102	52,891	52,904	51,500	51,600	100	0.2%	(1,304)	-2.5%
2	Almont Village	4,164	4,266	4,129	4,173	4,100	4,100	0	0.0%	(73)	-1.7%
3	Ash Township	19,038	17,236	16,880	16,158	17,400	16,400	(1,000)	-5.7%	242	1.5%
4	Belleville	7,999	6,515	6,296	6,638	6,300	6,400	100	1.6%	(238)	-3.6%
5	Berlin Township	11,760	12,328	11,618	11,464	11,700	11,600	(100)	-0.9%	136	1.2%
6	Brownstown Township	55,952	58,467	58,715	57,777	56,600	57,200	600	1.1%	(577)	-1.0%
7	Bruce Township	742	742	667	778	700	710	10	1.4%	(68)	-8.8%
8	Burtchville Township	3,533	2,407	3,068	4,771	2,900	3,300	400	13.8%	(1,471)	-30.8%
9	Canton Township	146,552	148,020	157,272	169,186	147,600	155,000	7,400	5.0%	(14,186)	-8.4%
10	Center Line	16,870	15,097	15,159	15,211	15,400	14,900	(500)	-3.2%	(311)	-2.0%
11	Chesterfield Township	76,746	77,581	75,908	80,789	75,200	76,500	1,300	1.7%	(4,289)	-5.3%
12	Clinton Township	165,468	167,627	171,551	162,467	164,900	163,900	(1,000)	-0.6%	1,433	0.9%
13	Commerce Township	43,707	37,508	38,621	39,373	36,900	37,700	800	2.2%	(1,673)	-4.3%
14	Dearborn Heights	91,362	92,067	95,751	90,685	91,200	91,000	(200)	-0.2%	315	0.3%
15	Eastpointe	52,296	49,608	52,111	50,325	50,300	49,700	(600)	-1.2%	(625)	-1.2%
16	Ecorse	52,151	46,618	42,926	38,579	42,000	37,800	(4,200)	-10.0%	(779)	-2.0%
17	Farmington	20,120	19,698	19,187	19,042	19,300	18,900	(400)	-2.1%	(142)	-0.7%
18	Farmington Hills	142,834	147,904	143,058	141,793	141,700	141,400	(300)	-0.2%	(393)	-0.3%
19	Ferndale	36,834	35,165	30,843	31,534	32,300	31,900	(400)	-1.2%	366	1.2%
20	Flat Rock	22,799	22,456	24,284	23,842	22,700	23,100	400	1.8%	(742)	-3.1%
21	Flint	250,282	240,991	193,303	182,504	204,100	190,400	(13,700)	-6.7%	7,896	4.3%
22	Fraser	25,617	26,562	25,517	25,569	25,500	25,400	(100)	-0.4%	(169)	-0.7%
23	Garden City	36,126	33,583	32,437	34,365	33,400	32,800	(600)	-1.8%	(1,565)	-4.6%
24	Gibraltar	7,832	8,013	7,406	8,102	7,600	7,700	100	1.3%	(402)	-5.0%
25	Greenwood Township (DTE)	6,491	4,206	3,990	6,911	4,800	4,900	100	2.1%	(2,011)	-29.1%
26	Grosse Ile Township	15,628	17,411	22,126	18,832	18,000	19,100	1,100	6.1%	268	1.4%
27	Grosse Pt. Park	21,538	20,797	19,796	20,200	20,300	19,900	(400)	-2.0%	(300)	-1.5%
28	Grosse Pt. Shores	5,860	5,640	6,159	5,086	5,800	5,500	(300)	-5.2%	414	8.1%
29	Grosse Pt. Woods	26,123	27,292	27,906	24,967	26,600	26,200	(400)	-1.5%	1,233	4.9%
30	Hamtramck	31,069	28,424	32,576	30,493	30,100	29,900	(200)	-0.7%	(593)	-1.9%
31	Harper Woods	24,533	27,600	26,298	27,610	25,600	26,600	1,000	3.9%	(1,010)	-3.7%
32	Harrison Township	42,891	43,039	42,794	42,667	42,000	42,000	0	0.0%	(667)	-1.6%
33	Hazel Park	23,481	20,584	22,801	22,214	21,800	21,400	(400)	-1.8%	(814)	-3.7%
34	Huron Township	27,533	30,030	46,961	52,129	28,200	28,200	0	0.0%	(23,929)	-45.9%
35	Imlay City	18,639	20,230	19,949	15,440	19,200	18,200	(1,000)	-5.2%	2,760	17.9%
36	Imlay Township (Single User)	85	49	2	7	0	0	0	0.0%	(7)	-100.0%
37	Inkster	53,615	49,404	52,334	48,350	49,600	49,000	(600)	-1.2%	650	1.3%
38	Keego Harbor	4,229	4,514	4,393	4,245	4,300	4,300	0	0.0%	55	1.3%
39	Lapeer	25,157	27,308	23,922	25,264	25,000	25,000	0	0.0%	(264)	-1.0%
40	Lenox Township	6,257	7,156	7,394	8,074	6,800	7,400	600	8.8%	(674)	-8.3%
41	Lincoln Park	80,423	84,762	85,779	82,698	82,000	82,700	700	0.9%	2	0.0%
42	Livonia	181,296	183,814	181,263	181,280	178,500	178,500	0	0.0%	(2,780)	-1.5%
43	Macomb Township	125,005	124,249	129,185	137,794	123,600	127,800	4,200	3.4%	(9,994)	-7.3%

GLWA Wholesale Master Metered Water Sales Volumes - BASE Months - *Mcf*
October through March

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		Base 2021	Base 2022	Base 2023	Base 2024	Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		10/20 - 3/21	10/21 - 3/22	10/22 - 3/23	10/23 - 3/24	FY 2025 Proj	FY 2026 Proj	Volume	Percent	Volume	Percent
						(1) ~ (3) Avg	(2) ~ (4) Avg	(6) - (5)	(7) / (5)	(6) - (4)	(9) / (4)
	Adjustment Factor:					98.0%	98.0%				
44	Madison Heights	50,911	59,807	57,240	54,504	57,300	56,000	(1,300)	-2.3%	1,496	2.7%
45	Mayfield Township (KAMAX)	126	195	238	199	180	210	30	16.7%	11	5.3%
46	Melvindale	21,235	21,719	25,689	24,316	22,400	23,400	1,000	4.5%	(916)	-3.8%
47	New Haven, Village of	8,352	8,626	9,014	9,179	8,500	8,800	300	3.5%	(379)	-4.1%
48	NOCWA	358,032	351,425	360,528	347,818	349,500	346,200	(3,300)	-0.9%	(1,618)	-0.5%
49	Northville	12,214	14,076	12,889	10,874	12,800	12,400	(400)	-3.1%	1,526	14.0%
50	Northville Township	49,410	46,961	47,414	48,613	47,000	46,700	(300)	-0.6%	(1,913)	-3.9%
51	Novi	110,276	116,868	114,775	115,147	111,700	113,300	1,600	1.4%	(1,847)	-1.6%
52	Oak Park	42,629	44,771	44,089	44,042	43,000	43,400	400	0.9%	(642)	-1.5%
53	Oakland GWK Drain District	2,291	4,044	2,875	3,856	3,000	3,500	500	16.7%	(356)	-9.2%
54	Plymouth	18,717	18,216	18,193	18,063	18,000	17,800	(200)	-1.1%	(263)	-1.5%
55	Plymouth Township	60,449	60,475	58,350	57,772	58,600	57,700	(900)	-1.5%	(72)	-0.1%
56	Redford Township	73,322	73,109	73,280	73,569	71,800	71,900	100	0.1%	(1,669)	-2.3%
57	River Rouge	16,696	19,116	16,606	18,400	17,100	17,700	600	3.5%	(700)	-3.8%
58	Riverview	21,926	20,826	21,754	18,988	21,100	20,100	(1,000)	-4.7%	1,112	5.9%
59	Rockwood	4,804	4,652	4,362	4,434	4,500	4,400	(100)	-2.2%	(34)	-0.8%
60	Romeo	2,305	2,578	1,628	1,021	1,300	1,100	(200)	-15.4%	79	7.7%
61	Romulus	102,763	97,221	88,899	88,375	94,400	89,700	(4,700)	-5.0%	1,325	1.5%
62	Roseville	93,571	82,344	82,743	85,494	84,500	81,900	(2,600)	-3.1%	(3,594)	-4.2%
63	Royal Oak Township	4,601	4,804	4,884	4,643	4,700	4,700	0	0.0%	57	1.2%
64	Shelby Township	169,655	147,549	146,385	151,053	151,400	145,400	(6,000)	-4.0%	(5,653)	-3.7%
65	SOCWA	495,528	514,408	515,974	469,894	498,500	490,100	(8,400)	-1.7%	20,206	4.3%
66	South Rockwood	2,168	2,279	2,206	2,252	2,200	2,200	0	0.0%	(52)	-2.3%
67	Southgate	51,769	56,331	53,546	53,107	52,800	53,200	400	0.8%	93	0.2%
68	St. Clair Shores	88,073	94,170	98,708	88,509	91,800	91,900	100	0.1%	3,391	3.8%
69	Sterling Heights	262,667	255,436	232,510	244,400	245,200	239,200	(6,000)	-2.4%	(5,200)	-2.1%
70	Sumpter Township	14,495	17,950	14,935	16,322	15,500	16,100	600	3.9%	(222)	-1.4%
71	Sylvan Lake	2,914	3,436	2,792	2,719	3,000	2,900	(100)	-3.3%	181	6.7%
72	Taylor	114,826	120,875	125,878	123,825	118,100	121,100	3,000	2.5%	(2,725)	-2.2%
73	Trenton	37,841	37,761	39,250	37,894	37,500	37,500	0	0.0%	(394)	-1.0%
74	Troy	184,123	169,406	167,123	167,064	170,100	164,500	(5,600)	-3.3%	(2,564)	-1.5%
75	Utica	9,355	10,659	10,582	10,179	10,000	10,300	300	3.0%	121	1.2%
76	Van Buren Township	58,942	55,299	54,097	48,484	55,000	51,600	(3,400)	-6.2%	3,116	6.4%
77	Walled Lake	13,388	13,210	12,534	12,743	12,800	12,600	(200)	-1.6%	(143)	-1.1%
78	Warren	291,278	294,837	279,793	284,386	282,900	280,600	(2,300)	-0.8%	(3,786)	-1.3%
79	Washington Township	28,629	30,059	29,522	29,561	28,800	29,100	300	1.0%	(461)	-1.6%
80	Wayne	51,786	47,769	49,254	49,277	48,600	47,800	(800)	-1.6%	(1,477)	-3.0%
81	West Bloomfield Township	107,265	115,289	114,739	112,640	110,200	111,900	1,700	1.5%	(740)	-0.7%
82	Westland	150,650	150,153	153,113	140,740	148,300	145,000	(3,300)	-2.2%	4,260	3.0%
83	Wixom	30,511	28,968	28,355	29,624	28,700	28,400	(300)	-1.0%	(1,224)	-4.1%
84	Woodhaven	25,335	25,798	22,938	22,195	24,200	23,200	(1,000)	-4.1%	1,005	4.5%
85	Ypsilanti Comm Util Auth	211,937	221,464	216,371	212,340	212,300	212,400	100	0.0%	60	0.0%
86	Total Master Metered	5,550,227	5,527,009	5,451,282	5,360,802	5,352,780	5,303,920	(48,860)	-0.9%	(56,882)	-1.1%

GLWA Wholesale Master Metered Water Sales Volumes - BASE Months - *Mcf*
October through March

Note for columns 5 and 6 that the calculation refers to the “base month adjustment” factor and “peak month adjustment factor” of 0.98. That factor of 0.98 is calculated as 100 percent less the average of the sum of 1% for three years for period ending September 2022 (or 3%) plus 1% for two years for period ending September 2023 (or 2%) plus 1% for one years for period ending September 2024 (or 1%) or (100 – (average of 3+2+1) or 98%.

Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Base 2021	Base 2022	Base 2023	Base 2024	Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		10/20 - 3/21	10/21 - 3/22	10/22 - 3/23	10/23 - 3/24	FY 2025 Proj	FY 2026 Proj	Volume	Percent	Volume	Percent
						(1) ~ (3) Avg	(2) ~ (4) Avg	(6) - (5)	(7) / (5)	(6) - (4)	(9) / (4)
	Adjustment Factor:					98.0%	98.0%				
87	Dearborn Wholesale Proxy	277,604	265,708	261,336	279,646	262,900	263,500	600	0.2%	(16,146)	-5.8%
88	Highland Park Wholesale Proxy	48,282	48,790	48,698	44,000	47,600	35,400	(12,200)	-25.6%	(8,600)	-19.5%
89	Detroit Wholesale Proxy	1,941,135	2,046,440	2,111,707	2,064,427	1,992,400	2,047,000	54,600	2.7%	(17,427)	-0.8%
90	Subtotal Non Master Mtrd	2,267,021	2,360,938	2,421,741	2,388,072	2,302,900	2,345,900	(54,720)	-2.4%	(155,936)	-6.5%
91	TOTAL	7,817,248	7,887,947	7,873,023	7,748,874	7,655,680	7,649,820	(103,580)	-1.4%	(212,818)	-2.7%
92	Subtotal Sub Wholesale	5,876,113	5,841,507	5,761,316	5,684,448	5,663,280	5,602,820	(158,180)	-2.8%	(195,392)	-3.4%

GLWA Wholesale Master Metered Water Sales Volumes during PEAK Months - *Mcf*
April through September

Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Peak 2021	Peak 2022	Peak 2023	Peak 2024	Original FY 2025 Proj	Proposed FY 2026 Proj	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		4/21 - 9/21	4/22 - 9/22	4/23 - 9/23	4/24 - 9/24	(1) ~ (3) Avg	(2) ~ (4) Avg	Volume (6) - (5)	Percent (7) / (5)	Volume (6) - (4)	Percent (9) / (4)
	<i>Adjustment Factor:</i>					100.0%	100.0%				
1	Allen Park	95,289	65,987	64,380	61,393	65,200	63,900	(1,300)	-2.0%	2,507	4.1%
2	Almont Village	5,063	4,925	4,569	4,694	4,900	4,700	(200)	-4.1%	6	0.1%
3	Ash Township	21,400	22,392	20,087	20,656	21,300	21,000	(300)	-1.4%	344	1.7%
4	Belleville	7,603	7,807	7,358	7,717	7,600	7,600	0	0.0%	(117)	-1.5%
5	Berlin Township	15,857	15,523	14,824	15,173	15,400	15,200	(200)	-1.3%	27	0.2%
6	Brownstown Township	80,134	86,529	80,879	78,378	82,500	81,900	(600)	-0.7%	3,522	4.5%
7	Bruce Township	2,374	2,425	2,311	1,723	2,370	2,150	(220)	-9.3%	427	24.8%
8	Burtchville Township	6,064	6,027	6,458	6,812	6,200	6,400	200	3.2%	(412)	-6.0%
9	Canton Township	214,100	230,557	237,547	212,655	227,400	226,900	(500)	-0.2%	14,245	6.7%
10	Center Line	16,760	16,722	16,785	16,672	16,800	16,700	(100)	-0.6%	28	0.2%
11	Chesterfield Township	107,485	107,295	100,502	96,178	105,100	101,300	(3,800)	-3.6%	5,122	5.3%
12	Clinton Township	225,176	217,027	218,063	206,077	220,100	213,700	(6,400)	-2.9%	7,623	3.7%
13	Commerce Township	64,276	70,920	66,313	65,710	67,200	67,600	400	0.6%	1,890	2.9%
14	Dearborn Heights	103,460	109,609	100,282	101,382	104,500	103,800	(700)	-0.7%	2,418	2.4%
15	Eastpointe	53,272	54,888	49,358	49,605	52,500	51,300	(1,200)	-2.3%	1,695	3.4%
16	Ecorse	47,727	45,777	39,748	39,158	39,700	39,200	(500)	-1.3%	42	0.1%
17	Farmington	24,140	25,462	24,673	23,263	24,800	24,500	(300)	-1.2%	1,237	5.3%
18	Farmington Hills	203,340	216,599	206,183	195,256	208,700	206,000	(2,700)	-1.3%	10,744	5.5%
19	Ferndale	35,703	30,957	33,468	33,380	32,200	32,600	400	1.2%	(780)	-2.3%
20	Flat Rock	23,276	32,959	27,966	27,774	28,100	29,600	1,500	5.3%	1,826	6.6%
21	Flint	263,620	226,597	211,411	195,425	211,400	203,600	(7,800)	-3.7%	8,175	4.2%
22	Fraser	31,787	31,030	31,007	29,776	31,000	30,600	(400)	-1.3%	824	2.8%
23	Garden City	39,210	39,706	39,276	40,050	39,400	39,700	300	0.8%	(350)	-0.9%
24	Gibraltar	8,369	8,625	8,509	11,127	8,500	9,400	900	10.6%	(1,727)	-15.5%
25	Greenwood Township (DTE)	19,971	12,117	31,797	39,335	21,300	27,700	6,400	30.0%	(11,635)	-29.6%
26	Grosse Ile Township	21,429	23,229	26,335	21,447	23,700	23,700	0	0.0%	2,253	10.5%
27	Grosse Pt. Park	32,795	33,564	30,752	27,513	32,400	30,600	(1,800)	-5.6%	3,087	11.2%
28	Grosse Pt. Shores	13,108	14,323	11,790	10,858	13,100	12,300	(800)	-6.1%	1,442	13.3%
29	Grosse Pt. Woods	40,020	44,771	39,781	36,242	41,500	40,300	(1,200)	-2.9%	4,058	11.2%
30	Hamtramck	30,035	30,797	34,931	30,681	31,900	32,100	200	0.6%	1,419	4.6%
31	Harper Woods	26,555	30,361	27,644	26,638	28,200	28,200	0	0.0%	1,562	5.9%
32	Harrison Township	55,358	57,128	54,729	46,889	55,700	52,900	(2,800)	-5.0%	6,011	12.8%
33	Hazel Park	25,587	26,931	25,670	23,738	26,100	25,400	(700)	-2.7%	1,662	7.0%
34	Huron Township	36,238	38,601	57,804	47,467	37,400	37,400	0	0.0%	(10,067)	-21.2%
35	Imlay City	27,032	25,446	30,986	29,325	27,800	28,600	800	2.9%	(725)	-2.5%
36	Imlay Township (Single User)	89	14	1	8	0	10	10	0.0%	2	21.2%
37	Inkster	62,633	52,322	50,133	46,065	51,200	49,500	(1,700)	-3.3%	3,435	7.5%
38	Keego Harbor	5,392	5,554	5,526	5,326	5,500	5,500	0	0.0%	174	3.3%
39	Lapeer	30,974	26,864	30,066	28,708	30,000	29,200	(800)	-2.7%	492	1.7%
40	Lenox Township	7,111	8,341	8,440	9,219	8,000	8,700	700	8.8%	(519)	-5.6%
41	Lincoln Park	87,143	92,622	88,969	87,389	89,600	89,700	100	0.1%	2,311	2.6%

GLWA Wholesale Master Metered Water Sales Volumes during PEAK Months - *Mcf*
April through September

Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Peak 2021	Peak 2022	Peak 2023	Peak 2024	Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		4/21 - 9/21	4/22 - 9/22	4/23 - 9/23	4/24 - 9/24	FY 2025 Proj (1) ~ (3) Avg	FY 2026 Proj (2) ~ (4) Avg	Volume (6) - (5)	Percent (7) / (5)	Volume (6) - (4)	Percent (9) / (4)
	<i>Adjustment Factor:</i>					100.0%	100.0%				
42	Livonia	277,424	276,574	272,271	264,144	275,400	271,000	(4,400)	-1.6%	6,856	2.6%
43	Macomb Township	188,033	218,589	212,250	199,139	206,300	210,000	3,700	1.8%	10,861	5.5%
44	Madison Heights	62,318	68,954	65,953	65,315	67,500	66,700	(800)	-1.2%	1,385	2.1%
45	Mayfield Township (KAMAX)	285	364	331	256	330	320	(10)	-3.0%	64	24.8%
46	Melvindale	23,179	23,897	22,010	22,872	23,000	22,900	(100)	-0.4%	28	0.1%
47	New Haven, Village of	10,409	11,242	11,179	10,883	10,900	11,100	200	1.8%	217	2.0%
48	NOCWA	490,017	547,131	523,629	503,600	520,300	524,800	4,500	0.9%	21,200	4.2%
49	Northville	17,452	17,506	16,815	16,534	17,300	17,000	(300)	-1.7%	466	2.8%
50	Northville Township	86,864	87,914	89,698	86,424	88,200	88,000	(200)	-0.2%	1,576	1.8%
51	Novi	181,861	203,991	174,714	190,049	186,900	189,600	2,700	1.4%	(449)	-0.2%
52	Oak Park	47,176	48,063	45,758	47,709	47,000	47,200	200	0.4%	(509)	-1.1%
53	Oakland GWK Drain District	7,623	4,989	5,955	5,402	6,200	5,400	(800)	-12.9%	(2)	0.0%
54	Plymouth	26,114	26,799	25,946	24,542	26,300	25,800	(500)	-1.9%	1,258	5.1%
55	Plymouth Township	97,060	99,391	97,218	91,964	97,900	96,200	(1,700)	-1.7%	4,236	4.6%
56	Redford Township	83,217	83,057	82,621	77,600	83,000	81,100	(1,900)	-2.3%	3,500	4.5%
57	River Rouge	19,738	20,151	20,728	26,448	20,200	22,400	2,200	10.9%	(4,048)	-15.3%
58	Riverview	24,792	26,737	23,844	23,309	25,100	24,600	(500)	-2.0%	1,291	5.5%
59	Rockwood	4,804	5,173	5,060	5,128	5,000	5,100	100	2.0%	(28)	-0.5%
60	Romeo	3,777	3,408	1,789	2,223	1,800	2,000	200	11.1%	(223)	-10.0%
61	Romulus	115,357	112,150	107,782	109,947	111,800	110,000	(1,800)	-1.6%	53	0.0%
62	Roseville	87,488	87,830	87,474	90,915	87,600	88,700	1,100	1.3%	(2,215)	-2.4%
63	Royal Oak Township	5,298	5,467	5,554	5,185	5,400	5,400	0	0.0%	215	4.1%
64	Shelby Township	251,852	275,781	262,191	242,148	263,300	260,000	(3,300)	-1.3%	17,852	7.4%
65	SOCWA	705,538	773,397	728,279	690,070	735,700	730,600	(5,100)	-0.7%	40,530	5.9%
66	South Rockwood	2,645	2,535	2,471	2,702	2,600	2,600	0	0.0%	(102)	-3.8%
67	Southgate	53,216	67,176	62,979	61,880	61,100	64,000	2,900	4.7%	2,120	3.4%
68	St. Clair Shores	102,312	113,031	106,974	98,928	107,400	106,300	(1,100)	-1.0%	7,372	7.5%
69	Sterling Heights	350,654	347,431	328,150	309,456	342,100	328,300	(13,800)	-4.0%	18,844	6.1%
70	Sumpter Township	16,759	20,801	17,768	18,116	18,400	18,900	500	2.7%	784	4.3%
71	Sylvan Lake	3,400	3,929	3,643	3,549	3,700	3,700	0	0.0%	151	4.2%
72	Taylor	140,682	152,854	144,924	142,307	146,200	146,700	500	0.3%	4,393	3.1%
73	Trenton	45,952	54,916	44,374	42,403	45,500	44,100	(1,400)	-3.1%	1,697	4.0%
74	Troy	267,758	265,092	262,160	251,562	265,000	259,600	(5,400)	-2.0%	8,038	3.2%
75	Utica	12,333	14,312	14,283	12,523	13,600	13,700	100	0.7%	1,177	9.4%
76	Van Buren Township	81,350	77,053	73,313	70,010	77,200	73,500	(3,700)	-4.8%	3,490	5.0%
77	Walled Lake	16,157	16,346	16,023	16,579	16,200	16,300	100	0.6%	(279)	-1.7%
78	Warren	340,019	347,379	332,704	324,837	340,000	335,000	(5,000)	-1.5%	10,163	3.1%
79	Washington Township	55,383	58,902	57,721	53,264	57,300	56,600	(700)	-1.2%	3,336	6.3%
80	Wayne	51,451	54,408	53,446	51,758	53,100	53,200	100	0.2%	1,442	2.8%
81	West Bloomfield Township	166,181	174,870	162,149	158,441	167,700	165,200	(2,500)	-1.5%	6,759	4.3%
82	Westland	178,631	188,361	147,779	172,086	171,600	169,400	(2,200)	-1.3%	(2,686)	-1.6%

GLWA Wholesale Master Metered Water Sales Volumes during PEAK Months - Mcf											
April through September											
Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		Peak 2021	Peak 2022	Peak 2023	Peak 2024	Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		4/21 - 9/21	4/22 - 9/22	4/23 - 9/23	4/24 - 9/24	FY 2025 Proj	FY 2026 Proj	Volume	Percent	Volume	Percent
						(1) ~ (3) Avg	(2) ~ (4) Avg	(6) - (5)	(7) / (5)	(6) - (4)	(9) / (4)
	Adjustment Factor:					100.0%	100.0%				
83	Wixom	45,768	51,885	45,131	47,248	47,600	48,100	500	1.1%	852	1.8%
84	Woodhaven	32,973	34,139	30,322	30,202	32,500	31,600	(900)	-2.8%	1,398	4.6%
85	Ypsilanti Comm Util Auth	270,763	283,465	273,610	265,032	275,900	274,000	(1,900)	-0.7%	8,968	3.4%
	Subtotal Master Metered	7,269,016	7,556,766	7,236,287	6,991,570	7,303,400	7,237,880	(65,520)	-0.9%	246,310	3.5%
86	Total Master Metered	7,269,016	7,556,766	7,236,287	6,991,570	7,303,400	7,237,880	(65,520)	-0.9%	246,310	3.5%
87	Dearborn Wholesale Proxy	276,293	287,223	270,084	224,767	277,900	260,700	(17,200)	-6.2%	35,933	16.0%
88	Highland Park Wholesale Proxy	56,646	55,463	56,058	42,973	56,100	41,800	(14,300)	-25.5%	(1,173)	-2.7%
89	Detroit Wholesale Proxy	2,211,517	2,244,945	2,191,220	2,116,645	2,215,900	2,184,300	(31,600)	-1.4%	67,655	3.2%
90	Subtotal Non Master Mtrd	2,544,455	2,587,631	2,517,363	2,384,385	2,549,900	2,486,800	(63,100)	-2.5%	595,035	25.0%
91	TOTAL	9,813,471	10,144,397	9,753,650	9,375,955	9,853,300	9,724,680	(128,620)	-1.3%	841,346	9.0%
92	Subtotal Sub Wholesale	7,601,954	7,899,452	7,562,429	7,259,310	7,637,400	7,540,380	(97,020)	-1.3%	773,691	10.7%

[Appendix 2 – Comparison of FY 2025 Approved & FY 2026 Final Proposed Units of Service](#)
The Comparison of FY 2025 Approved & FY 2026 Final Proposed Units of Service on the next page is scaled to fit an 11x17 inch page setup.

Note for columns 5 and 6 that the calculation refers to the “base month adjustment” factor and “peak month adjustment factor” of 0.98. That factor of 0.98 is calculated as 100 percent less the average of the sum of 1% for three years for period ending September 2022 (or 3%) plus 1% for two years for period ending September 2023 (or 2%) plus 1% for one years for period ending September 2024 (or 1%) or (100 – (average of 3+2+1) or 98%.

GLWA Wholesale Master Metered Water Sales Volumes - Mcf
Uniform Forecast Period (UFP) Summary

Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		October thru September				Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		UFP 2021	UFP 2022	UFP 2023	UFP 2024	FY 2025 Proj	FY 2026 Proj	Volume	Percent	Volume	Percent
		10/20 - 9/21	10/21 - 9/22	10/22 - 9/23	10/23 - 9/24	(1) ~ (3) Avg	(2) ~ (4) Avg	(6) - (5)	(7) / (5)	(6) - (4)	(9) / (4)
	Base Month Adjustment Factor:					98.0%	98.0%				
	Peak Month Adjustment Factor:					100.0%	100.0%				
1	Allen Park	177,120	131,089	117,271	114,297	116,700	115,500	(1,200)	-1.0%	1,203	1.1%
2	Almont Village	9,227	9,191	8,698	8,867	9,000	8,800	(200)	-2.2%	(67)	-0.8%
3	Ash Township	40,437	39,628	36,968	36,814	38,700	37,400	(1,300)	-3.4%	586	1.6%
4	Belleville	15,602	14,322	13,654	14,355	13,900	14,000	100	0.7%	(355)	-2.5%
5	Berlin Township	27,616	27,850	26,442	26,637	27,100	26,800	(300)	-1.1%	163	0.6%
6	Brownstown Township	136,086	144,996	139,594	136,154	139,100	139,100	0	0.0%	2,946	2.2%
7	Bruce Township	3,116	3,167	2,978	2,501	3,070	2,860	(210)	-6.8%	359	14.4%
8	Burtchville Township	9,597	8,434	9,526	11,582	9,100	9,700	600	6.6%	(1,882)	-16.3%
9	Canton Township	360,652	378,577	394,819	381,842	375,000	381,900	6,900	1.8%	58	0.0%
10	Center Line	33,630	31,818	31,944	31,883	32,200	31,600	(600)	-1.9%	(283)	-0.9%
11	Chesterfield Township	184,231	184,876	176,410	176,967	180,300	177,800	(2,500)	-1.4%	833	0.5%
12	Clinton Township	390,644	384,654	389,614	368,544	385,000	377,600	(7,400)	-1.9%	9,056	2.5%
13	Commerce Township	107,983	108,428	104,934	105,083	104,100	105,300	1,200	1.2%	217	0.2%
14	Dearborn Heights	194,822	201,676	196,033	192,067	195,700	194,800	(900)	-0.5%	2,733	1.4%
15	Eastpointe	105,568	104,496	101,469	99,930	102,800	101,000	(1,800)	-1.8%	1,070	1.1%
16	Ecorse	99,878	92,395	82,675	77,736	81,700	77,000	(4,700)	-5.8%	(736)	-0.9%
17	Farmington	44,259	45,160	43,860	42,305	44,100	43,400	(700)	-1.6%	1,095	2.6%
18	Farmington Hills	346,173	364,503	349,241	337,049	350,400	347,400	(3,000)	-0.9%	10,351	3.1%
19	Ferndale	72,537	66,122	64,311	64,915	64,500	64,500	0	0.0%	(415)	-0.6%
20	Flat Rock	46,075	55,415	52,251	51,616	50,800	52,700	1,900	3.7%	1,084	2.1%
21	Flint	513,902	467,588	404,714	377,930	415,500	394,000	(21,500)	-5.2%	16,070	4.3%
22	Fraser	57,405	57,592	56,523	55,345	56,500	56,000	(500)	-0.9%	655	1.2%
23	Garden City	75,336	73,289	71,713	74,415	72,800	72,500	(300)	-0.4%	(1,915)	-2.6%
24	Gibraltar	16,201	16,638	15,916	19,228	16,100	17,100	1,000	6.2%	(2,128)	-11.1%
25	Greenwood Township (DTE)	26,463	16,323	35,787	46,246	26,100	32,600	6,500	24.9%	(13,646)	-29.5%
26	Grosse Ile Township	37,057	40,641	48,462	40,279	41,700	42,800	1,100	2.6%	2,521	6.3%
27	Grosse Pt. Park	54,332	54,361	50,548	47,713	52,700	50,500	(2,200)	-4.2%	2,787	5.8%
28	Grosse Pt. Shores	18,969	19,963	17,950	15,944	18,900	17,800	(1,100)	-5.8%	1,856	11.6%
29	Grosse Pt. Woods	66,143	72,064	67,687	61,209	68,100	66,500	(1,600)	-2.3%	5,291	8.6%
30	Hamtramck	61,104	59,220	67,507	61,174	62,000	62,000	0	0.0%	826	1.3%
31	Harper Woods	51,087	57,961	53,942	54,248	53,800	54,800	1,000	1.9%	552	1.0%
32	Harrison Township	98,249	100,167	97,524	89,556	97,700	94,900	(2,800)	-2.9%	5,344	6.0%
33	Hazel Park	49,068	47,516	48,472	45,951	47,900	46,800	(1,100)	-2.3%	849	1.8%
34	Huron Township	63,771	68,631	104,765	99,596	65,600	65,600	0	0.0%	(33,996)	-34.1%
35	Imlay City	45,671	45,676	50,935	44,765	47,100	46,800	(300)	-0.6%	2,035	4.5%
36	Imlay Township (Single User)	174	63	2	15	10	10	0	0.0%	(5)	-34.8%
37	Inkster	116,248	101,727	102,467	94,414	100,800	98,500	(2,300)	-2.3%	4,086	4.3%

Note for columns 5 and 6 that the calculation refers to the “base month adjustment” factor and “peak month adjustment factor” of 0.98. That factor of 0.98 is calculated as 100 percent less the average of the sum of 1% for three years for period ending September 2022 (or 3%) plus 1% for two years for period ending September 2023 (or 2%) plus 1% for one years for period ending September 2024 (or 1%) or (100 – (average of 3+2+1) or 98%.

GLWA Wholesale Master Metered Water Sales Volumes - Mcf
Uniform Forecast Period (UFP) Summary

Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		October thru September				Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		UFP 2021	UFP 2022	UFP 2023	UFP 2024	FY 2025 Proj	FY 2026 Proj	Volume	Percent	Volume	Percent
		10/20 - 9/21	10/21 - 9/22	10/22 - 9/23	10/23 - 9/24	(1) ~ (3) Avg	(2) ~ (4) Avg	(6) - (5)	(7) / (5)	(6) - (4)	(9) / (4)
	Base Month Adjustment Factor:					98.0%	98.0%				
	Peak Month Adjustment Factor:					100.0%	100.0%				
38	Keego Harbor	9,621	10,068	9,919	9,571	9,800	9,800	0	0.0%	229	2.4%
39	Lapeer	56,130	54,172	53,988	53,971	55,000	54,200	(800)	-1.5%	229	0.4%
40	Lenox Township	13,367	15,496	15,834	17,293	14,800	16,100	1,300	8.8%	(1,193)	-6.9%
41	Lincoln Park	167,566	177,384	174,748	170,087	171,600	172,400	800	0.5%	2,313	1.4%
42	Livonia	458,720	460,387	453,533	445,423	453,800	449,500	(4,300)	-0.9%	4,077	0.9%
43	Macomb Township	313,038	342,838	341,435	336,933	329,900	337,800	7,900	2.4%	867	0.3%
44	Madison Heights	113,229	128,761	123,193	119,820	124,800	122,700	(2,100)	-1.7%	2,880	2.4%
45	Mayfield Township (KAMAX)	410	558	570	456	510	530	20	3.9%	74	16.3%
46	Melvindale	44,414	45,616	47,699	47,188	45,400	46,300	900	2.0%	(888)	-1.9%
47	New Haven, Village of	18,761	19,868	20,193	20,062	19,400	19,900	500	2.6%	(162)	-0.8%
48	NOCWA	848,049	898,556	884,157	851,419	869,800	871,000	1,200	0.1%	19,581	2.3%
49	Northville	29,666	31,581	29,704	27,408	30,100	29,400	(700)	-2.3%	1,992	7.3%
50	Northville Township	136,274	134,875	137,112	135,037	135,200	134,700	(500)	-0.4%	(337)	-0.2%
51	Novi	292,137	320,859	289,489	305,195	298,600	302,900	4,300	1.4%	(2,295)	-0.8%
52	Oak Park	89,805	92,834	89,847	91,751	90,000	90,600	600	0.7%	(1,151)	-1.3%
53	Oakland GWK Drain District	9,914	9,032	8,830	9,258	9,200	8,900	(300)	-3.3%	(358)	-3.9%
54	Plymouth	44,831	45,016	44,138	42,604	44,300	43,600	(700)	-1.6%	996	2.3%
55	Plymouth Township	157,509	159,866	155,568	149,736	156,500	153,900	(2,600)	-1.7%	4,164	2.8%
56	Redford Township	156,539	156,165	155,901	151,169	154,800	153,000	(1,800)	-1.2%	1,831	1.2%
57	River Rouge	36,434	39,268	37,333	44,848	37,300	40,100	2,800	7.5%	(4,748)	-10.6%
58	Riverview	46,718	47,563	45,599	42,297	46,200	44,700	(1,500)	-3.2%	2,403	5.7%
59	Rockwood	9,608	9,826	9,423	9,562	9,500	9,500	0	0.0%	(62)	-0.6%
60	Romeo	6,082	5,986	3,417	3,245	3,100	3,100	0	0.0%	(145)	-4.5%
61	Romulus	218,120	209,371	196,681	198,322	206,200	199,700	(6,500)	-3.2%	1,378	0.7%
62	Roseville	181,059	170,174	170,217	176,409	172,100	170,600	(1,500)	-0.9%	(5,809)	-3.3%
63	Royal Oak Township	9,899	10,271	10,437	9,828	10,100	10,100	0	0.0%	272	2.8%
64	Shelby Township	421,506	423,330	408,576	393,201	414,700	405,400	(9,300)	-2.2%	12,199	3.1%
65	SOCWA	1,201,066	1,287,805	1,244,254	1,159,964	1,234,200	1,220,700	(13,500)	-1.1%	60,736	5.2%
66	South Rockwood	4,813	4,814	4,676	4,954	4,800	4,800	0	0.0%	(154)	-3.1%
67	Southgate	104,985	123,507	116,525	114,987	113,900	117,200	3,300	2.9%	2,213	1.9%
68	St. Clair Shores	190,385	207,201	205,681	187,437	199,200	198,200	(1,000)	-0.5%	10,763	5.7%
69	Sterling Heights	613,321	602,867	560,661	553,857	587,300	567,500	(19,800)	-3.4%	13,643	2.5%
70	Sumpter Township	31,254	38,751	32,703	34,438	33,900	35,000	1,100	3.2%	562	1.6%
71	Sylvan Lake	6,314	7,365	6,435	6,268	6,700	6,600	(100)	-1.5%	332	5.3%
72	Taylor	255,507	273,728	270,802	266,132	264,300	267,800	3,500	1.3%	1,668	0.6%
73	Trenton	83,794	92,677	83,624	80,296	83,000	81,600	(1,400)	-1.7%	1,304	1.6%
74	Troy	451,881	434,498	429,283	418,626	435,100	424,100	(11,000)	-2.5%	5,474	1.3%
75	Utica	21,689	24,971	24,865	22,702	23,600	24,000	400	1.7%	1,298	5.7%

Note for columns 5 and 6 that the calculation refers to the “base month adjustment” factor and “peak month adjustment factor” of 0.98. That factor of 0.98 is calculated as 100 percent less the average of the sum of 1% for three years for period ending September 2022 (or 3%) plus 1% for two years for period ending September 2023 (or 2%) plus 1% for one years for period ending September 2024 (or 1%) or (100 – (average of 3+2+1) or 98%.

GLWA Wholesale Master Metered Water Sales Volumes - Mcf
Uniform Forecast Period (UFP) Summary

Line	Customer	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
		October thru September				Original	Proposed	Variance from FY 2025 Proj		Variance from FY 2024 Actual	
		UFP 2021	UFP 2022	UFP 2023	UFP 2024	FY 2025 Proj	FY 2026 Proj	Volume	Percent	Volume	Percent
		10/20 - 9/21	10/21 - 9/22	10/22 - 9/23	10/23 - 9/24	(1) ~ (3) Avg	(2) ~ (4) Avg	(6) - (5)	(7) / (5)	(6) - (4)	(9) / (4)
	Base Month Adjustment Factor:					98.0%	98.0%				
	Peak Month Adjustment Factor:					100.0%	100.0%				
76	Van Buren Township	140,292	132,352	127,409	118,494	132,200	125,100	(7,100)	-5.4%	6,606	5.6%
77	Walled Lake	29,545	29,556	28,556	29,321	29,000	28,900	(100)	-0.3%	(421)	-1.4%
78	Warren	631,298	642,215	612,497	609,223	622,900	615,600	(7,300)	-1.2%	6,377	1.0%
79	Washington Township	84,012	88,961	87,243	82,825	86,100	85,700	(400)	-0.5%	2,875	3.5%
80	Wayne	103,237	102,177	102,700	101,035	101,700	101,000	(700)	-0.7%	(35)	0.0%
81	West Bloomfield Township	273,445	290,158	276,887	271,082	277,900	277,100	(800)	-0.3%	6,018	2.2%
82	Westland	329,281	338,514	300,892	312,826	319,900	314,400	(5,500)	-1.7%	1,574	0.5%
83	Wixom	76,279	80,853	73,486	76,871	76,300	76,500	200	0.3%	(371)	-0.5%
84	Woodhaven	58,308	59,937	53,259	52,397	56,700	54,800	(1,900)	-3.4%	2,403	4.6%
85	Ypsilanti Comm Util Auth	482,700	504,929	489,981	477,372	488,200	486,400	(1,800)	-0.4%	9,028	1.9%
86	Total Master Metered	12,819,243	13,083,775	12,687,569	12,352,372	12,656,190	12,541,800	(114,390)	-0.9%	189,428	1.5%
87	Dearborn Wholesale Proxy	553,897	552,931	531,420	504,412	540,800	524,200	(16,600)	-3.1%	19,788	3.9%
88	Highland Park Wholesale Proxy	104,928	104,253	104,756	86,973	77,200	77,200	0	0.0%	(9,773)	-11.2%
89	Detroit Wholesale Proxy	4,152,652	4,291,385	4,302,927	4,181,072	4,230,000	4,231,000	1,000	0.0%	49,928	1.2%
90	Subtotal Non Master Mtrd	4,811,476	4,948,569	4,939,103	4,772,457	4,848,000	4,832,400	(15,600)	-0.3%	59,943	1.3%
91	TOTAL	17,630,719	18,032,344	17,626,672	17,124,829	17,504,190	17,374,200	(129,990)	-0.74%	249,371	1.5%
92	Subtotal Sub Wholesale	13,478,067	13,740,959	13,323,745	12,943,757	13,274,190	13,143,200	(130,990)	-0.99%	199,443	1.5%

Appendix 3 – Final Water Units of Service FY Comparison- FY 2025 & FY 2026

The comparison of the projected wholesale volumes converted into “average day demands” in millions of gallons per day (mgd) and also present the max day and peak hour demands, also in mgd.

Final Water Units of Service FY Comparison- FY25 & FY26

Customer	Units of Service Input Data						Change		
	<u>Volume</u>	<u>Max Day</u>	<u>Peak Hour</u>	<u>Volume</u>	<u>Max Day</u>	<u>Peak Hour</u>	<u>Volume</u>	<u>Max Day</u>	<u>Peak Hour</u>
	<i>Mcf</i>	<i>mgd</i>	<i>mgd</i>	<i>Mcf</i>	<i>mgd</i>	<i>mgd</i>	<i>Mcf</i>	<i>mgd</i>	<i>mgd</i>
	<u>FY 25 Vol</u>	<u>FY 25 MD</u>	<u>FY 25 PH</u>	<u>FY 26 Vol</u>	<u>FY 26 MD</u>	<u>FY 26 PH</u>			
Allen Park	116,700	5.45	7.54	115,500	5.45	7.54	(1,200)	0	0
Almont Village	9,000	0.400	0.440	8,800	0.400	0.440	(200)	0	0
Ash Township	38,700	1.45	2.27	37,400	1.45	2.27	(1,300)	0	0
Belleville	13,900	0.548	0.762	14,000	0.548	0.762	100	0	0
Berlin Township	27,100	1.13	1.76	26,800	1.13	1.76	(300)	0	0
Brownstown Township	139,100	7.00	11.00	139,100	7.00	11.00	0	0	0
Bruce Township	3,070	0.456	0.830	2,860	0.456	0.830	(210)	0	0
Burtchville Township	9,100	0.534	0.816	9,700	0.534	0.816	600	0	0
Canton Township	375,000	20.00	23.50	381,900	20.00	23.50	6,900	0	0
Center Line	32,200	1.13	1.60	31,600	1.13	1.60	(600)	0	0
Chesterfield Township	180,300	8.24	12.50	177,800	8.24	12.50	(2,500)	0	0
Clinton Township	385,000	19.70	22.00	377,600	19.70	22.00	(7,400)	0	0
Commerce Township	104,100	6.28	7.13	105,300	6.28	7.13	1,200	0	0
Dearborn	540,800	23.70	32.90	524,200	23.70	32.90	(16,600)	0	0
Dearborn Heights	195,700	8.00	12.00	194,800	8.00	12.00	(900)	0	0
Eastpointe	102,800	3.71	5.38	101,000	3.71	5.38	(1,800)	0	0
Ecorse	81,700	2.97	3.42	77,000	2.97	3.42	(4,700)	0	0
Farmington	44,100	2.10	2.31	43,400	2.10	2.31	(700)	0	0
Farmington Hills	350,400	18.00	21.30	347,400	18.00	21.30	(3,000)	0	0
Ferndale	64,500	2.89	3.10	64,500	2.89	3.10	0	0	0
Flat Rock	50,800	2.63	3.99	52,700	2.63	3.99	1,900	0	0
Flint	415,500	13.50	14.00	394,000	13.50	14.00	(21,500)	0	0
Fraser	56,500	2.81	4.25	56,000	2.81	4.25	(500)	0	0
Garden City	72,800	3.30	5.21	72,500	3.30	5.21	(300)	0	0
Gibraltar	16,100	0.649	0.836	17,100	0.649	0.836	1,000	0	0
Greenwood Township (DTE)	26,100	2.24	2.24	32,600	2.24	2.24	6,500	0	0
Grosse Ile Township	41,700	2.01	3.51	42,800	2.01	3.51	1,100	0	0
Grosse Pt. Park	52,700	3.09	5.31	50,500	3.09	5.31	(2,200)	0	0
Grosse Pt. Shores	18,900	1.43	2.19	17,800	1.43	2.19	(1,100)	0	0
Grosse Pt. Woods	68,100	3.36	4.29	66,500	3.36	4.29	(1,600)	0	0
Hamtramck	62,000	1.77	2.74	62,000	1.77	2.74	0	0	0
Harper Woods	53,800	2.09	2.99	54,800	2.09	2.99	1,000	0	0
Harrison Township	97,700	3.90	4.75	94,900	3.90	4.75	(2,800)	0	0
Hazel Park	47,900	1.76	2.41	46,800	1.76	2.41	(1,100)	0	0
Highland Park	77,200	2.40	2.46	77,200	2.40	2.46	0	0	0
Huron Township	65,600	3.10	3.91	65,600	3.10	3.91	0	0	0
Imlay City	47,100	2.22	2.48	46,800	2.22	2.48	(300)	0	0
Imlay Township (Single User)	10	0.012	0.024	10	0.012	0.024	0	0	0
Inkster	100,800	2.47	3.55	98,500	2.47	3.55	(2,300)	0	0
Keego Harbor	9,800	0.450	0.671	9,800	0.450	0.671	0	0	0
Lapeer	55,000	1.75	2.50	54,200	1.75	2.50	(800)	0	0
Lenox Township	14,800	0.510	0.704	16,100	0.510	0.704	1,300	0	0
Lincoln Park	171,600	5.30	6.93	172,400	5.30	6.93	800	0	0
Livonia	453,800	23.00	33.00	449,500	23.00	33.00	(4,300)	0	0
Macomb Township	329,900	23.00	40.00	337,800	23.00	40.00	7,900	0	0

Final Water Units of Service FY Comparison- FY25 & FY26

	Units of Service Input Data						Change		
	Volume	Max Day	Peak Hour	Volume	Max Day	Peak Hour	Volume	Max Day	Peak Hour
	<i>Mcf</i>	<i>mgd</i>	<i>mgd</i>	<i>Mcf</i>	<i>mgd</i>	<i>mgd</i>	<i>Mcf</i>	<i>mgd</i>	<i>mgd</i>
Madison Heights	124,800	4.75	6.50	122,700	4.75	6.50	(2,100)	0	0
Mayfield Township (KAMAX)	510	0.045	0.070	530	0.045	0.070	20	0	0
Melvindale	45,400	1.41	1.97	46,300	1.41	1.97	900	0	0
New Haven, Village of	19,400	0.785	1.200	19,900	0.785	1.200	500	0	0
NOCWA	869,800	43.50	48.60	871,000	43.50	48.60	1,200	0	0
Northville	30,100	1.55	1.65	29,400	1.55	1.65	(700)	0	0
Northville Township	135,200	9.00	13.50	134,700	9.00	9.00	(500)	0	(5)
Novi	298,600	17.00	19.00	302,900	17.00	19.00	4,300	0	0
Oak Park	90,000	3.90	3.90	90,600	3.90	3.90	600	0	0
Oakland GWK Drain District	9,200	0.204	0.204	8,900	0.204	0.204	(300)	0	0
Plymouth	44,300	1.81	2.71	43,600	1.81	2.71	(700)	0	0
Plymouth Township	156,500	10.00	10.00	153,900	10.00	10.00	(2,600)	0	0
Redford Township	154,800	6.35	9.00	153,000	6.35	9.00	(1,800)	0	0
River Rouge	37,300	1.07	1.63	40,100	1.07	1.63	2,800	0	0
Riverview	46,200	1.79	2.67	44,700	1.79	2.67	(1,500)	0	0
Rockwood	9,500	0.432	0.659	9,500	0.432	0.659	0	0	0
Romeo	3,100	0.253	0.451	3,100	0.253	0.451	0	0	0
Romulus	206,200	7.71	9.73	199,700	7.71	9.73	(6,500)	0	0
Roseville	172,100	6.03	8.63	170,600	6.03	8.63	(1,500)	0	0
Royal Oak Township	10,100	0.473	0.649	10,100	0.473	0.649	0	0	0
Shelby Township	414,700	26.60	30.00	405,400	26.60	30.00	(9,300)	0	0
SOCWA	1,234,200	60.50	60.50	1,220,700	60.50	60.50	(13,500)	0	0
South Rockwood	4,800	0.176	0.297	4,800	0.176	0.297	0	0	0
Southgate	113,900	4.60	6.23	117,200	4.60	6.23	3,300	0	0
St. Clair Shores	199,200	7.42	10.00	198,200	7.42	10.00	(1,000)	0	0
Sterling Heights	587,300	32.80	49.00	567,500	32.80	49.00	(19,800)	0	0
Sumpter Township	33,900	1.09	1.77	35,000	1.09	1.77	1,100	0	0
Sylvan Lake	6,700	0.352	0.539	6,600	0.352	0.539	(100)	0	0
Taylor	264,300	10.90	13.10	267,800	10.90	13.10	3,500	0	0
Trenton	83,000	3.52	5.20	81,600	3.52	5.20	(1,400)	0	0
Troy	435,100	27.30	40.30	424,100	27.30	40.30	(11,000)	0	0
Utica	23,600	1.20	1.75	24,000	1.20	1.75	400	0	0
Van Buren Township	132,200	6.90	8.17	125,100	6.90	8.17	(7,100)	0	0
Walled Lake	29,000	1.16	1.67	28,900	1.16	1.67	(100)	0	0
Warren	622,900	23.50	32.50	615,600	23.50	32.50	(7,300)	0	0
Washington Township	86,100	5.42	5.42	85,700	5.42	5.42	(400)	0	0
Wayne	101,700	3.95	4.71	101,000	3.95	4.71	(700)	0	0
West Bloomfield Township	277,900	15.00	26.40	277,100	15.00	26.40	(800)	0	0
Westland	319,900	12.00	17.00	314,400	12.00	17.00	(5,500)	0	0
Wixom	76,300	4.19	5.10	76,500	4.19	5.10	200	0	0
Woodhaven	56,700	2.85	4.40	54,800	2.85	4.40	(1,900)	0	0
Ypsilanti Comm Util Auth	488,200	19.50	21.00	486,400	19.50	21.00	(1,800)	0	0
Detroit	4,230,000	115.00	136.00	4,231,000	115.00	136.00	1,000	0	0
TOTAL CHANGE							(129,990)	0	(5)

Contract re-opener with peak hour modification