



# FY 2023 Schedule of Water and Sewer Service Charges

As Amended by the  
GLWA Board of Directors  
June 2, 2022

**Great Lakes Water Authority**  
**Approved FY 2023 Water Supply System Service Charges and Allocated Revenue Requirements**  
**As Amended by the GLWA Board of Directors June 2, 2022**  
**Effective Date: July 1, 2022**

<b>Line</b>		<b>Fixed Monthly</b>	<b>Commodity</b>	<b>Projected</b>
<b>No.</b>	<b>Member Partner</b>	<b>Charge (a)</b>	<b>Charge (a)</b>	<b>Revenue</b>
		<b>\$/mo</b>	<b>\$/Mcf</b>	<b>from Adjusted</b>
				<b>Charges</b>
				<b>\$</b>
1	Allen Park	136,800	7.52	2,736,500
2	Almont Village	13,000	10.84	260,100
3	Ash Township	45,100	8.56	902,400
4	Belleville	17,900	9.41	358,800
5	Berlin Township	39,900	11.75	797,200
6	Brownstown Township	195,700	11.49	3,914,500
7	Bruce Twp	18,700	56.29	373,000
8	Burtchville Twp	18,800	17.95	376,400
9	Canton Township	563,000	12.52	11,261,900
10	Center Line	25,600	6.38	512,600
11	Chesterfield Township	233,100	10.56	4,661,000
12	Clinton Township	409,600	8.21	8,193,500
13	Commerce Township	195,300	14.96	3,905,400
14	Dearborn	548,800	7.46	10,975,800
15	Dearborn Heights	199,200	8.08	3,984,600
16	Eastpointe	84,600	6.49	1,692,100
17	Ecorse	78,400	4.94	1,567,200
18	Farmington	54,700	9.79	1,093,000
19	Farmington Hills	478,200	10.95	9,565,400
20	Ferndale	56,400	6.27	1,127,000
21	Flat Rock	69,600	10.65	1,391,100
22	Flint (b)	577,300	9.84	11,544,500
23	Fraser	65,900	9.06	1,317,200
24	Garden City	89,600	9.16	1,792,400
25	Gibraltar	18,100	8.83	362,000
26	Grosse Ile Township	59,500	12.49	1,189,900
27	Grosse Pt. Park	72,800	10.60	1,455,500
28	Grosse Pt. Shores	35,100	14.65	702,500
29	Grosse Pt. Woods	68,700	7.91	1,373,400
30	Hamtramck	43,500	5.58	870,800
31	Harper Woods	43,600	7.38	871,500
32	Harrison Township	88,100	7.38	1,761,300
33	Hazel Park	39,900	6.36	798,100
34	Highland Park	62,900	4.76	1,257,000
35	Huron Township	80,800	10.43	1,616,300
36	Imlay City	79,900	13.82	1,597,300
37	Imlay Twp	800	45.33	16,400
38	Inkster	69,300	5.47	1,385,700
39	Keego Harbor	16,300	12.99	325,500
40	Lapeer	83,600	12.64	1,671,900
41	Lenox Township	15,700	8.99	314,300
42	Lincoln Park	126,300	6.11	2,525,600
43	Livonia	620,700	10.54	12,412,700
44	Macomb Township	682,100	17.01	13,642,000
45	Madison Heights	100,400	7.64	2,007,800
46	Mayfield Twp	2,200	34.12	43,800
47	Melvindale	35,000	6.66	700,400
48	New Haven, Village of	20,300	8.83	406,100
49	N O C W A	1,192,200	10.89	23,847,100
50	Northville	41,900	10.77	837,700
51	Northville Township	306,100	17.72	6,122,100
52	Novi	490,900	13.42	9,817,500
53	Oak Park	75,300	6.35	1,506,200
54	Oakland Co. Drain Comm.	4,400	3.64	88,100
55	Plymouth	59,000	10.59	1,180,300
56	Plymouth Township	240,700	11.96	4,812,800
57	Redford Township	171,300	8.64	3,425,900
58	River Rouge	37,000	7.81	740,000
59	Riverview	48,100	8.02	962,200
60	Rockwood	15,000	12.33	300,800
61	Romeo	14,100	18.33	281,000
62	Romulus	233,200	8.34	4,662,400
63	Roseville	145,500	6.24	2,909,800

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Line No.	Member Partner	Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Projected Revenue from Adjusted Charges \$
64	Royal Oak Township	10,500	8.14	209,800
65	S O C W A	1,242,900	8.08	24,857,200
66	Shelby Township	781,200	15.14	15,622,700
67	South Rockwood	6,200	10.74	123,800
68	Southgate	118,700	8.49	2,372,700
69	St. Clair County - Greenwood	71,400	22.78	1,428,600
70	St. Clair Shores	168,200	6.92	3,363,600
71	Sterling Heights	836,700	11.32	16,731,700
72	Sumpter Township	37,100	9.80	742,100
73	Sylvan Lake	12,700	15.92	254,300
74	Taylor	250,800	7.75	5,016,100
75	Trenton	91,600	8.47	1,831,000
76	Troy	738,900	12.71	14,777,000
77	Utica	30,100	10.44	602,400
78	Van Buren Township	191,100	11.28	3,821,600
79	Walled Lake	43,000	11.51	860,100
80	Warren	558,100	7.22	11,159,900
81	Washington Township	127,400	12.46	2,548,000
82	Wayne	174,700	13.26	3,494,000
83	West Bloomfield Township	567,600	17.03	11,351,400
84	Westland	335,100	8.32	6,700,200
85	Wixom	134,800	14.32	2,695,900
86	Woodhaven	90,900	12.57	1,818,600
87	Ypsilanti Comm Util Auth	563,400	9.34	11,270,200
88	Total Wholesale Contract Member Partners			338,758,200
89	Adjustment to Flint Revenue Requirement for KWA Debt Service			(6,651,600)
90	Adjustment for Highland Park Bad Debt			(1,257,000)
91	<b>Revenue from Wholesale Charges (agrees with "GLWA Budget Schedule 3")</b>			<b>330,849,600</b>
<b>Detroit Customer Class - \$</b>				
92	<u>Wholesale</u> Revenue Requirement (c)			43,534,300
93	less: Ownership Benefit per Lease			(20,700,000)
94	<u>Net Wholesale</u> Revenue Requirement			<u>22,834,300</u>
95	<u>Indirect Retail</u> Revenue Requirements (d)			52,205,100
96	less: Use of Lease Payment for Debt Service			(8,691,000)
97	<u>Net Indirect Retail</u> Revenue Requirements (d)			<u>43,514,100</u>
98	Subtotal Subject to GLWA Board Approval (94) + (97)			66,348,400
99	<u>Direct Retail</u> Revenue Requirements (e)			30,490,000
100	<b>Total Local System Revenue Requirement (97) + (99)</b>			<b>74,004,100</b>
101	<b>Total Requirement from Detroit Customer Class (agrees with "GLWA Budget Schedule 3")</b>			<b>96,838,400</b>
102	<b>Lead and Copper Rule Sample Testing Fee - \$/Sample</b>			<b>60.00</b>
(a) Proposed effective date of July 1, 2022. Effective on all bills issued on or after August 1, 2022.				
(b) Net fixed monthly charge will include \$554,300 monthly credits for KWA debt service.				
(c) Wholesale revenue requirements for the Detroit Customer Class.				
(d) Local System revenue requirements related to Master Bond Ordinance (local debt service, etc.)				
(e) Local System operating expenses (net of shared services reimbursement) and I&E deposit. Not Subject to GLWA Board approval.				
(d)&(e) Local System information provided from Detroit Water & Sewerage Department as of January 19, 2022.				

**Great Lakes Water Authority**  
**Approved FY 2023 Sewage Disposal System Service Charges and Allocated Revenue Requirements**  
**As Amended by the GLWA Board of Directors June 2, 2022**  
**Effective Date: July 1, 2022**

<b>Line No.</b>	<b>Suburban Wholesale</b>	<b>Fixed Monthly Charge \$/mo</b>	<b>Projected Revenue from Adjusted Charges \$</b>
1	OMID	5,942,700	71,312,400
2	Rouge Valley	4,660,900	55,930,800
3	Oakland GWK	3,864,800	46,377,600
4	Evergreen Farmington	3,016,300	36,195,600
5	SE Macomb San Dist	2,089,200	25,070,400
6	Dearborn	1,691,600	20,299,200
7	Grosse Pointe Farms	229,000	2,748,000
8	Grosse Pointe Park	158,700	1,904,400
9	Melvindale	131,200	1,574,400
10	Farmington	99,900	1,198,800
11	Center Line	86,900	1,042,800
12	Allen Park	70,700	848,400
13	Highland Park	451,700	5,420,400
14	Hamtramck	336,800	4,041,600
15	Grosse Pointe	75,000	900,000
16	Harper Woods	18,200	218,400
17	Redford Township	22,600	271,200
18	Wayne County #3	4,400	52,800
19	<b>Subtotal "Regional Wholesale Revenues from Charges"</b>		<b>275,407,200</b>
20	Industrial Specific Revenues		<b>13,370,800</b>
21	<b>Subtotal "Regional Wholesale Revenues from Charges"</b>		<b>288,778,000</b>
22	less: Highland Park Bad Debt		<b>(5,420,500)</b>
23	<b>Total "Regional Wholesale Revenues" (a)</b>		<b>283,357,500</b>
	<b>* Wholesale charges will be effective July 1, 2022</b>		
	<b>Detroit Customer Class - \$</b>		
24	<b>Wholesale</b> Revenue Requirement (c)		<b>196,558,200</b>
25	less: Ownership Benefit per Lease		<b>(5,516,000)</b>
26	<b>Net Wholesale</b> Revenue Requirement		<b>191,042,200</b>
27	<b>Indirect Retail</b> Revenue Requirements (d)		<b>39,357,300</b>
28	less: Use of Lease Payment for Debt Service		<b>0</b>
29	<b>Net Indirect Retail</b> Revenue Requirements (d)		<b>39,357,300</b>
30	Subtotal Subject to GLWA Board Approval (26) + (29)		<b>230,399,500</b>
31	<b>Direct Retail</b> Revenue Requirements (e)		<b>64,750,500</b>
32	<b>Total Local System Revenue Requirement (29) + (31)</b>		<b>104,107,800</b>
33	<b>Total Requirement from Detroit Customer Class (a)</b>		<b>295,150,000</b>
(a)	Agrees with "GLWA Budget Schedule 3"		
(b)	Reserved		
(c)	Wholesale revenue requirements for the Detroit Customer Class.		
(d)	Local System revenue requirements related to Master Bond Ordinance (local debt service, etc.)		
(e)	Local System operating expenses (net of shared services reimbursement) <b>and I&amp;E deposit</b> . Not Subject to GLWA Board approval.		
(d)&(e)	Local System information provided from Detroit Water & Sewerage Department as of January 19, 2022.		

**Great Lakes Water Authority**  
**Approved FY 2023 Sewage Disposal System**  
**Industrial Specific Retail Charges**  
**As Amended by the GLWA Board of Directors June 2, 2022**  
**Effective Date: July 1, 2022**

<b>Industrial Waste Control Charges</b>		
<b>Meter Size</b> <i>inches</i>	<b>Full Charge</b> <i>\$/mo</i>	<b>Admin Only Charge</b> <i>\$/mo</i>
5/8	3.58	0.90
3/4	5.37	1.34
1	8.95	2.24
1-1/2	19.69	4.92
2	28.64	7.16
3	51.91	12.98
4	71.60	17.90
6	107.40	26.85
8	179.00	44.75
10	250.60	62.65
12	286.40	71.60
14	358.00	89.50
16	429.60	107.40
18	501.20	125.30
20	572.80	143.20
24	644.40	161.10
30	716.00	179.00
36	787.60	196.90
48	859.20	214.80

<b>Pollutant Surcharges</b>	
<b>Pollutant</b>	<b>Charge</b> <i>\$/lb</i>
BIOCHEMICAL OXYGEN DEMAND (BOD) for concentrations > 275 mg/l	<b>0.351</b>
TOTAL SUSPENDED SOLIDS (TSS) for concentrations > 350 mg/l	<b>0.482</b>
PHOSPHORUS (P) for concentrations > 12 mg/l	<b>6.448</b>
FATS, OIL AND GREASE (FOG) for concentrations > 100 mg/l	<b>0.112</b>
SEPTAGE DISPOSAL FEE Per 500 gallons of disposal	<b>36.00</b>