

Great Lakes Water Authority
Approved FY 2022 Water Supply System Service Charges and Allocated Revenue Requirements
Effective Date: July 1, 2021

Line No.	Member Partner	Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Projected Revenue from Charges \$
1	Allen Park	126,400	7.82	2,527,900
2	Almont Village	12,600	10.54	251,300
3	Ash Township	43,900	8.27	877,400
4	Belleville	16,600	9.74	331,700
5	Berlin Township	38,400	11.54	767,800
6	Brownstown Township	190,600	11.09	3,812,100
7	Bruce Twp	16,700	61.19	333,800
8	Burtchville Twp	17,700	18.19	354,300
9	Canton Township	539,900	12.36	10,798,600
10	Center Line	24,600	6.28	491,100
11	Chesterfield Township	223,800	10.41	4,475,100
12	Clinton Township	398,900	7.92	7,979,400
13	Commerce Township	187,700	14.72	3,753,800
14	Dearborn	538,500	7.22	10,767,300
15	Dearborn Heights	193,300	7.84	3,867,200
16	Eastpointe	82,000	6.31	1,640,200
17	Ecorse	79,400	4.48	1,588,100
18	Farmington	53,000	9.52	1,060,600
19	Farmington Hills	465,600	10.57	9,314,200
20	Ferndale	54,100	6.19	1,081,300
21	Flat Rock	69,900	9.79	1,398,800
22	Flint (b)	564,400	9.43	11,286,900
23	Fraser	64,300	8.72	1,287,000
24	Garden City	88,100	8.71	1,761,800
25	Gibraltar	17,500	8.61	350,300
26	Grosse Ile Township	57,800	12.10	1,157,000
27	Grosse Pt. Park	71,000	10.21	1,419,700
28	Grosse Pt. Shores	34,800	13.75	695,400
29	Grosse Pt. Woods	67,700	7.50	1,353,900
30	Hamtramck	42,200	5.42	843,500
31	Harper Woods	42,500	7.12	848,900
32	Harrison Township	85,100	7.21	1,701,800
33	Hazel Park	38,800	6.15	776,200
34	Highland Park	61,200	4.63	1,223,800
35	Huron Township	77,600	10.28	1,551,100
36	Imlay City	77,200	13.50	1,543,400
37	Imlay Twp	800	42.50	16,400
38	Inkster	65,100	5.56	1,301,600
39	Keego Harbor	15,700	12.74	314,500
40	Lapeer	80,600	12.39	1,612,700
41	Lenox Township	15,600	8.42	312,700
42	Lincoln Park	121,000	6.04	2,419,600
43	Livonia	607,100	10.11	12,141,000
44	Macomb Township	669,300	16.23	13,384,300
45	Madison Heights	98,000	7.35	1,959,500
46	Mayfield Twp	2,500	24.68	49,500
47	Melvindale	34,100	6.42	682,700
48	New Haven, Village of	22,200	6.94	443,400
49	North Oakland County Water Authority	1,168,100	10.41	23,364,300
50	Northville	40,600	10.48	812,100
51	Northville Township	299,300	17.00	5,985,200
52	Novi	476,200	13.03	9,524,400
53	Oak Park	73,700	6.08	1,474,200
54	Oakland Co. Drain Comm.	4,300	3.49	85,500
55	Plymouth	57,000	10.34	1,140,000
56	Plymouth Township	234,100	11.57	4,682,400
57	Redford Township	167,100	8.32	3,340,600
58	River Rouge	35,900	7.58	718,100
59	Riverview	46,900	7.73	937,700

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60	Rockwood	14,700	11.79	293,100
61	Romeo	13,500	18.13	270,800
62	Romulus	224,200	8.21	4,484,300
63	Roseville	142,200	5.99	2,843,900
64	Royal Oak Township	10,400	7.65	209,000
65	Southeastern Oakland County Water Authority	1,215,400	7.75	24,309,500
66	Shelby Township	751,600	14.88	15,032,200
67	South Rockwood	6,100	10.17	121,000
68	Southgate	116,300	8.12	2,325,300
69	St. Clair County-Greenwood Township	49,400	19.18	987,900
70	St. Clair Shores	161,800	6.80	3,235,000
71	Sterling Heights	804,500	11.14	16,091,800
72	Sumpter Township	35,600	9.67	712,500
73	Sylvan Lake	12,300	15.48	246,700
74	Taylor	244,700	7.46	4,895,400
75	Trenton	89,100	8.19	1,782,500
76	Troy	722,200	12.20	14,443,100
77	Utica	30,000	9.72	600,100
78	Van Buren Township	183,700	11.10	3,674,000
79	Walled Lake	42,200	10.98	843,500
80	Warren	545,200	6.94	10,902,100
81	Washington Township	121,700	12.37	2,433,900
82	Wayne	168,700	12.96	3,373,500
83	West Bloomfield Township	551,000	16.52	11,019,500
84	Westland	327,500	7.99	6,551,500
85	Wixom	130,500	13.95	2,610,900
86	Woodhaven	88,100	12.22	1,762,300
87	Ypsilanti Community Utilities Authority	547,900	9.03	10,957,100
88	Total Wholesale Contract Member Partners			328,987,500
89	Adjustment to Flint Revenue Requirement for KWA Debt Service			(6,652,800)
90	Adjustment for Highland Park Bad Debt			(1,223,800)
91	Revenue from Wholesale Charges (agrees with "GLWA Budget Schedule 3")			321,110,900
<u>Detroit Customer Class - \$</u>				
92	Wholesale Revenue Requirement (c)			42,397,300
93	less: Ownership Benefit per Lease			(20,700,000)
94	Net Wholesale Revenue Requirement			21,697,300
95	Indirect Retail Revenue Requirements (d)			51,734,700
96	less: Use of Lease Payment for Debt Service			(6,690,600)
97	Net Indirect Retail Revenue Requirements (d)			45,044,100
98	Subtotal Subject to GLWA Board Approval (94) + (97)			66,741,400
99	Direct Retail Revenue Requirements (e)			34,648,600
100	Total Local System Revenue Requirement (97) + (99)			79,692,700
101	Total Requirement from Detroit Customer Class (agrees with "GLWA Budget Schedule 3")			101,390,000
102	Proposed Lead and Copper Rule Sample Testing Fee - \$/Sample			56.00

- (a) Proposed effective date of July 1, 2021. Effective on all bills issued on or after August 1, 2021.
(b) Net fixed monthly charge will include \$554,400 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 February 17, 2021 and amended subsequently due to the GLWA Board action taken at the March 24, 2021 Board meeting.

Great Lakes Water Authority
Approved FY 2022 Sewage Disposal System Service Charges and Allocated Revenue Requirements
Effective Date: July 1, 2021

		Fixed Monthly Charge (a)	Projected Revenue from Charges
		<i>\$/mo</i>	<i>\$</i>
	<u>Suburban Wholesale</u>		
1	Oakland Macomb Interceptor District	5,871,700	70,460,400
2	Rouge Valley	4,605,600	55,267,200
3	Oakland County - George W. Kuhn	3,819,000	45,828,000
4	Evergreen Farmington	2,980,500	35,766,000
5	SE Macomb Sanitary District	2,064,400	24,772,800
6	Dearborn	1,671,500	20,058,000
7	Grosse Pointe Farms	226,300	2,715,600
8	Grosse Pointe Park	156,900	1,882,800
9	Melvindale	129,500	1,554,000
10	Farmington	98,700	1,184,400
11	Center Line	85,800	1,029,600
12	Allen Park	69,800	837,600
13	Highland Park	446,400	5,356,800
14	Hamtramck	332,800	3,993,600
15	Grosse Pointe	74,100	889,200
16	Harper Woods	18,000	216,000
17	Redford Township	22,200	266,400
18	Wayne County #3	4,300	51,600
19	Subtotal "Regional Wholesale Revenues from Charges"		272,130,000
20	Industrial Specific Revenues		13,213,700
21	Subtotal "Regional Wholesale Revenues from Charges"		285,343,700
22	less: Highland Park Bad Debt		0
23	Total "Regional Wholesale Revenues" (a)		285,343,700
	<u>Detroit Customer Class - \$</u>		
24	Wholesale Revenue Requirement (c)		194,178,200
25	less: Ownership Benefit per Lease		(5,516,000)
26	Net Wholesale Revenue Requirement		188,662,200
27	Indirect Retail Revenue Requirements (d)		39,233,900
28	less: Use of Lease Payment for Debt Service		0
29	Net Indirect Retail Revenue Requirements (d)		39,233,900
30	Subtotal Subject to GLWA Board Approval (26) + (29)		227,896,100
31	Direct Retail Revenue Requirements (e)		72,261,600
32	Total Local System Revenue Requirement (29) + (31)		111,495,500
33	Total Requirement from Detroit Customer Class (a)		300,157,700

(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) and I&E deposit. Not subject to GLWA Board approval.*

(d) & (e) *Local System information provided from Detroit Water & Sewerage Department as of February 17, 2021 and amended subsequently due to the GLWA Board action taken at the March 24, 2021 Board meeting.*

Great Lakes Water Authority
Approved FY 2022 Sewage Disposal System Industrial
Specific Retail Charges
Effective Date: July 1, 2021

Industrial Waste Control Charges		
<u>Meter Size</u> <i>inches</i>	<u>Full Charge</u> <i>\$/mo</i>	<u>Admin Only Chg</u> <i>\$/mo</i>
5/8	3.54	0.89
3/4	5.31	1.33
1	8.85	2.21
1-1/2	19.47	4.87
2	28.32	7.08
3	51.33	12.83
4	70.80	17.70
6	106.20	26.55
8	177.00	44.25
10	247.80	61.95
12	283.20	70.80
14	354.00	88.50
16	424.80	106.20
18	495.60	123.90
20	566.40	141.60
24	637.20	159.30
30	708.00	177.00
36	778.80	194.70
48	849.60	212.40

Pollutant Surcharges	
<u>Pollutant</u>	<u>Charge</u> <i>\$/lb</i>
BIOCHEMICAL OXYGEN DEMAND (BOD) for concentrations > 275 mg/l	0.347
TOTAL SUSPENDED SOLIDS (TSS) for concentrations > 350 mg/l	0.476
PHOSPHORUS (P) for concentrations > 12 mg/l	6.368
FATS, OIL AND GREASE (FOG) for concentrations > 100 mg/l	0.111
SEPTAGE DISPOSAL FEE Per 500 gallons of disposal	36.00