

Great Lakes Water Authority  
Proposed FY 2021 Water Supply System Allocated Revenue Requirements and Service Charges

Line No.	Customer	Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Annual Revenue Req'ts \$
1	Allen Park	123,000	7.84	2,460,200
2	Almont Village	12,300	10.52	245,400
3	Ash Township	42,600	8.32	852,400
4	Belleville	16,100	9.80	321,600
5	Berlin Township	37,600	11.45	752,400
6	Brownstown Township	188,300	10.88	3,766,900
7	Bruce Twp	16,700	71.93	334,900
8	Burtchville Twp	16,900	18.72	337,600
9	Canton Township	530,200	12.23	10,603,400
10	Center Line	24,100	6.23	481,000
11	Chesterfield Township	218,700	10.37	4,373,300
12	Clinton Township	392,000	7.83	7,839,300
13	Commerce Township	184,300	14.57	3,686,300
14	Dearborn	542,500	7.27	10,850,200
15	Dearborn Heights	190,100	7.74	3,801,700
16	Eastpointe	81,000	6.18	1,619,600
17	Ecorse	79,200	4.33	1,583,300
18	Farmington	52,600	9.27	1,051,100
19	Farmington Hills	463,200	10.24	9,263,700
20	Ferndale	52,500	6.23	1,050,100
21	Flat Rock	70,900	9.21	1,417,200
22	Flint (b)	575,100	8.80	11,501,400
23	Fraser	63,500	8.55	1,269,100
24	Garden City	88,300	8.34	1,766,000
25	Gibraltar	17,400	8.35	347,400
26	Grosse Ile Township	57,600	11.70	1,152,300
27	Grosse Pt. Park	77,000	11.11	1,540,600
28	Grosse Pt. Shores	34,000	13.70	680,700
29	Grosse Pt. Woods	74,100	9.17	1,481,600
30	Hamtramck	41,100	5.41	821,200
31	Harper Woods	42,700	6.80	854,900
32	Harrison Township	79,500	6.85	1,590,100
33	Hazel Park	38,400	6.01	767,900
34	Highland Park	60,600	4.64	1,212,200
35	Huron Township	76,400	10.13	1,527,600
36	Imlay City	75,000	13.57	1,500,000
37	Imlay Twp	800	40.00	16,800
38	Inkster	64,100	5.48	1,282,600
39	Keego Harbor	15,600	12.38	311,000
40	Lapeer	80,700	11.90	1,613,200
41	Lenox Township	15,400	8.23	307,500
42	Lincoln Park	116,500	6.15	2,329,200
43	Livonia	597,700	9.97	11,954,000
44	Macomb Township	656,100	16.11	13,122,700
45	Madison Heights	99,900	6.85	1,997,100
46	Mayfield Twp	2,500	23.45	49,700
47	Melvindale	33,700	6.28	674,300
48	New Haven, Village of	20,600	6.77	411,800
49	N O C W A	1,149,100	10.27	22,982,800
50	Northville	46,300	11.78	926,700
51	Northville Township	291,500	17.04	5,830,400
52	Novi	471,100	12.75	9,421,300
53	Oak Park	72,000	6.06	1,440,500
54	Oakland Co. Drain Comm.	4,400	3.22	87,300
55	Plymouth	55,800	10.28	1,115,700
56	Plymouth Township	231,000	11.37	4,620,100
57	Redford Township	166,100	8.08	3,321,200
58	River Rouge	35,000	7.57	700,100
59	Riverview	45,200	7.87	903,500
60	Rockwood	14,400	11.70	288,600

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61	Romeo	13,000	18.39	260,800
62	Romulus	217,500	8.26	4,349,700
63	Roseville	139,400	5.93	2,788,300
64	Royal Oak Township	10,600	7.14	211,500
65	S O C W A	1,198,600	7.62	23,972,900
66	Shelby Township	728,100	15.22	14,561,400
67	South Rockwood	6,000	10.04	120,200
68	Southgate	115,100	7.94	2,302,700
69	St. Clair County-Greenwood Township	24,100	12.90	482,700
70	St. Clair Shores	159,000	6.72	3,180,800
71	Sterling Heights	788,800	11.04	15,776,600
72	Sumpter Township	34,600	9.71	692,900
73	Sylvan Lake	12,200	15.11	243,100
74	Taylor	242,600	7.28	4,851,400
75	Trenton	87,100	8.15	1,742,500
76	Troy	704,200	12.20	14,083,000
77	Utica	30,000	9.36	599,700
78	Van Buren Township	178,000	11.20	3,560,500
79	Walled Lake	41,900	10.69	837,500
80	Warren	532,600	6.92	10,651,400
81	Washington Township	117,400	12.56	2,348,500
82	Wayne	160,300	13.44	3,206,200
83	West Bloomfield Township	540,600	16.37	10,812,900
84	Westland	323,200	7.84	6,464,300
85	Wixom	128,200	13.80	2,563,900
86	Woodhaven	87,100	11.97	1,741,900
87	Ypsilanti Comm Util Auth	543,500	8.80	10,869,800
88	Total Wholesale Contract Customers			323,689,800
89	Adjustment to Flint Revenue Requirement for KWA Debt Service			(6,667,400)
90	Adjustment for Highland Park Bad Debt			(1,212,200)
91	<b>Net Requirement from Wholesale Charges (agrees with GLWA Budget "Schedule 3A")</b>			<b>315,810,200</b>
<b>Detroit Customer Class - \$</b>				
92	<b>Wholesale</b> Revenue Requirement (c)			<b>43,465,300</b>
93	less: Ownership Benefit per Lease			<b>(20,700,000)</b>
94	<b>Net Wholesale</b> Revenue Requirement			<b>22,765,300</b>
95	<b>Indirect Retail</b> Revenue Requirements (d)			<b>47,031,500</b>
96	less: Use of Lease Payment for Debt Service			<b>(8,775,700)</b>
97	<b>Net Indirect Retail</b> Revenue Requirements (d)			<b>38,255,800</b>
98	Subtotal Subject to GLWA Board Approval (94) + (97)			<b>61,021,100</b>
99	<b>Direct Retail</b> Revenue Requirements (e)			<b>40,743,300</b>
100	<b>Total Local System Revenue Requirement (97) + (99)</b>			<b>78,999,100</b>
101	<b>Net Requirement from Detroit Customer Class (agrees with GLWA Budget "Schedule 3A")</b>			<b>101,764,400</b>

(a) Reflects proposed charges presented on January 23, 2020.

(b) Net fixed monthly charge will include \$555,600 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.

Great Lakes Water Authority  
Proposed FY 2021 Sewage Disposal System Allocated Revenue Requirements and Service Charges

	Fixed Monthly <u>Charge</u> \$/mo	Annual Revenue <u>Requirement</u> \$
<u>Suburban Wholesale</u>		
1	6,470,000	77,639,500
2	4,631,800	55,582,000
3	3,867,700	46,412,300
4	2,980,100	35,760,900
5	2,122,700	25,472,200
6	1,666,400	19,996,200
7	235,200	2,821,800
8	154,800	1,858,000
9	131,100	1,573,600
10	98,400	1,181,100
11	88,400	1,060,700
12	73,100	876,900
13	484,800	5,817,500
14	341,100	4,093,600
15	76,300	915,400
16	18,700	224,800
17	22,600	270,800
18	4,400	52,200
19		----- 281,609,500
20		14,209,800
21		----- 295,819,300
22		less: Highland Park Bad Debt <span style="color: red;">(1,310,000)</span>
23		----- <b>294,509,300</b>
<i>* Wholesale charges will be effective July 1, 2020</i>		
<b>Detroit Customer Class - \$</b>		
24		<b><u>Wholesale</u> Revenue Requirement (c) <span style="float: right;">198,019,600</span></b>
25		less: Ownership Benefit per Lease <span style="float: right;"><u>(5,516,000)</u></span>
26		<b><u>Net Wholesale</u> Revenue Requirement <span style="float: right;">192,503,600</span></b>
27		<b><u>Indirect Retail</u> Revenue Requirements (d) <span style="float: right;">35,566,600</span></b>
28		less: Use of Lease Payment for Debt Service <span style="float: right;"><u>(4,585,900)</u></span>
29		<b><u>Net Indirect Retail</u> Revenue Requirements (d) <span style="float: right;">30,980,700</span></b>
30		Subtotal Subject to GLWA Board Approval (26) + (29) <span style="float: right;">223,484,300</span>
31		<b><u>Direct Retail</u> Revenue Requirements (e) <span style="float: right;">73,957,900</span></b>
32		<b>Total Local System Revenue Requirement (29) + (31) <span style="float: right;">104,938,600</span></b>
33		<b>Net Requirement from Detroit Customer Class (a) <span style="float: right;">297,442,200</span></b>

(a) Agrees with GLWA Budget "Schedule 3A"

(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.

Great Lakes Water Authority  
Proposed FY 2021 Industrial Specific Retail Sewer Charges

<b>Industrial Waste Control Charges</b>	
<u>Meter Size - inches</u>	<u>Charge</u> \$/mo
5/8	3.49
3/4	5.24
1	8.73
1-1/2	19.20
2	27.92
3	50.61
4	69.80
6	104.70
8	174.50
10	244.30
12	279.20
14	349.00
16	418.80
18	488.60
20	558.40
24	628.20
30	698.00
36	767.80
48	837.60

<b>Pollutant Surcharges</b>	
<u>Pollutant</u>	<u>Charge</u> \$/lb
BIOCHEMICAL OXYGEN DEMAND (BOD) for concentrations > 275 mg/l	<b>0.508</b>
TOTAL SUSPENDED SOLIDS (TSS) for concentrations > 350 mg/l	<b>0.516</b>
PHOSPHORUS (P) for concentrations > 12 mg/l	<b>7.611</b>
FATS, OIL AND GREASE (FOG) for concentrations > 100 mg/l	<b>0.490</b>
SEPTAGE DISPOSAL FEE Per 500 gallons of disposal	<b>49.00</b>

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Proposed FY 2021 Industrial Specific Retail Sewer Charges

<b>Industrial Waste Control Charges- Administration Only</b>
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<u>Meter Size - inches</u>	<u>Charge</u> \$/mo
5/8	0.87
3/4	1.31
1	2.18
1-1/2	4.80
2	6.98
3	12.65
4	17.45
6	26.18
8	43.63
10	61.08
12	69.80
14	87.25
16	104.70
18	122.15
20	139.60
24	157.05
30	174.50
36	191.95
48	209.40