

Great Lakes Water Authority
 Approved 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	122,400	7.80	2,448,300
2	Almont Village	12,200	10.52	244,200
3	Ash Township	42,400	8.28	848,300
4	Belleville	16,000	9.77	320,000
5	Berlin Township	37,400	11.41	748,800
6	Brownstown Township	187,400	10.82	3,748,700
7	Bruce Twp	15,900	68.40	318,700
8	Burtchville Twp	16,800	18.67	336,000
9	Canton Township	527,600	12.17	10,552,100
10	Center Line	23,900	6.23	478,600
11	Chesterfield Township	217,600	10.33	4,352,200
12	Clinton Township	390,100	7.79	7,801,400
13	Commerce Township	183,400	14.50	3,668,400
14	Dearborn	539,900	7.24	10,797,800
15	Dearborn Heights	189,200	7.70	3,783,300
16	Eastpointe	80,600	6.15	1,611,700
17	Ecorse	78,800	4.31	1,575,700
18	Farmington	52,300	9.24	1,046,100
19	Farmington Hills	460,900	10.20	9,218,900
20	Ferndale	52,300	6.19	1,045,000
21	Flat Rock	70,500	9.18	1,410,400
22	Flint (b)	572,300	8.76	11,445,300
23	Fraser	63,200	8.51	1,263,000
24	Garden City	87,900	8.30	1,757,500
25	Gibraltar	17,300	8.33	345,800
26	Grosse Ile Township	57,300	11.65	1,146,700
27	Grosse Pt. Park	76,700	11.04	1,533,200
28	Grosse Pt. Shores	33,900	13.60	677,400
29	Grosse Pt. Woods	73,700	9.13	1,474,400
30	Hamtramck	40,900	5.39	817,200
31	Harper Woods	42,500	6.76	850,800
32	Harrison Township	79,100	6.82	1,582,400
33	Hazel Park	38,200	5.98	764,200
34	Highland Park	60,300	4.61	1,206,300
35	Huron Township	76,000	10.09	1,520,200
36	Imlay City	74,600	13.52	1,492,800
37	Imlay Twp	800	39.44	16,700
38	Inkster	63,800	5.45	1,276,400
39	Keego Harbor	15,500	12.35	309,500
40	Lapeer	80,300	11.84	1,605,400
41	Lenox Township	15,300	8.21	306,000
42	Lincoln Park	115,900	6.12	2,317,900
43	Livonia	594,800	9.92	11,896,300
44	Macomb Township	653,000	16.03	13,059,300
45	Madison Heights	99,400	6.82	1,987,500
46	Mayfield Twp	2,500	23.10	49,400
47	Melvindale	33,600	6.23	671,000
48	New Haven, Village of	20,500	6.74	409,800
49	N O C W A	1,143,600	10.22	22,871,800
50	Northville	46,100	11.72	922,300
51	Northville Township	290,100	16.95	5,802,200
52	Novi	468,800	12.69	9,375,800
53	Oak Park	71,700	6.03	1,433,600
54	Oakland Co. Drain Comm.	4,300	3.29	86,800
55	Plymouth	55,500	10.24	1,110,300
56	Plymouth Township	229,900	11.31	4,597,800
57	Redford Township	165,300	8.04	3,305,200
58	River Rouge	34,800	7.54	696,700
59	Riverview	45,000	7.82	899,100
60	Rockwood	14,400	11.56	287,200

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Line No.	Customer	Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Annual Revenue Req'ts \$
61	Romeo	13,000	18.18	259,600
62	Romulus	216,400	8.23	4,328,700
63	Roseville	138,700	5.91	2,774,800
64	Royal Oak Township	10,500	7.15	210,400
65	S O C W A	1,192,900	7.58	23,857,100
66	Shelby Township	724,600	15.15	14,491,100
67	South Rockwood	6,000	9.92	119,600
68	Southgate	114,600	7.90	2,291,500
69	St. Clair County-Greenwood Township	24,000	12.83	480,400
70	St. Clair Shores	158,300	6.68	3,165,400
71	Sterling Heights	785,000	10.99	15,700,400
72	Sumpter Township	34,500	9.64	689,600
73	Sylvan Lake	12,100	15.11	241,900
74	Taylor	241,400	7.24	4,827,900
75	Trenton	86,700	8.10	1,734,100
76	Troy	700,800	12.14	14,015,000
77	Utica	29,800	9.34	596,800
78	Van Buren Township	177,200	11.14	3,543,300
79	Walled Lake	41,700	10.64	833,500
80	Warren	530,000	6.89	10,599,900
81	Washington Township	116,900	12.49	2,337,200
82	Wayne	159,500	13.38	3,190,700
83	West Bloomfield Township	538,000	16.29	10,760,600
84	Westland	321,700	7.80	6,433,100
85	Wixom	127,600	13.73	2,551,500
86	Woodhaven	86,700	11.91	1,733,500
87	Ypsilanti Comm Util Auth	540,900	8.76	10,817,300
88	Total Wholesale Contract Customers			322,110,700
89	Adjustment to Flint Revenue Requirement for KWA Debt Service			(6,652,200)
90	Adjustment for Highland Park Bad Debt			(1,206,300)
91	Net Requirement from Wholesale Charges (agrees with GLWA Budget "Schedule 3A")			314,252,200
Detroit Customer Class - \$				
92	Wholesale Revenue Requirement (c)			43,255,400
93	less: Ownership Benefit per Lease			(20,700,000)
94	Net Wholesale Revenue Requirement			22,555,400
95	Indirect Retail Revenue Requirements (d)			46,830,400
96	less: Use of Lease Payment for Debt Service			(8,278,300)
97	Net Indirect Retail Revenue Requirements (d)			38,552,100
98	Subtotal Subject to GLWA Board Approval (94) + (97)			61,107,500
99	Direct Retail Revenue Requirements (e)			40,105,900
100	Total Local System Revenue Requirement (97) + (99)			78,658,000
101	Net Requirement from Detroit Customer Class (agrees with GLWA Budget "Schedule 3A")			101,213,400

(a) Reflects charges approved March 11, 2020.

(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.

Great Lakes Water Authority
 Approved 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	6,400,000	76,799,400
2	4,575,900	54,910,700
3	3,821,000	45,851,800
4	2,944,100	35,329,000
5	2,097,000	25,164,500
6	1,646,200	19,754,700
7	232,300	2,787,700
8	153,000	1,835,600
9	129,600	1,554,600
10	97,200	1,166,900
11	87,300	1,047,900
12	72,200	866,300
13	478,900	5,747,300
14	337,000	4,044,200
15	75,400	904,300
16	18,500	222,100
17	22,300	267,500
18	4,300	51,500
19	Subtotal "Regional Wholesale Revenues from Charges"	278,306,000
20	Industrial Specific Revenues	14,038,200
21	Subtotal "Regional Wholesale Revenues from Charges"	292,344,200
22	less: Highland Park Bad Debt	(1,294,200)
23	Total "Regional Wholesale Revenues" (a)	291,050,000
	<i>* Wholesale charges will be effective July 1, 2020</i>	
	Detroit Customer Class - \$	
24	Wholesale Revenue Requirement (c)	195,628,100
25	less: Ownership Benefit per Lease	(5,516,000)
26	Net Wholesale Revenue Requirement	190,112,100
27	Indirect Retail Revenue Requirements (d)	36,245,300
28	less: Use of Lease Payment for Debt Service	(3,257,200)
29	Net Indirect Retail Revenue Requirements (d)	32,988,100
30	Subtotal Subject to GLWA Board Approval (26) + (29)	223,100,200
31	Direct Retail Revenue Requirements (e)	72,771,700
32	Total Local System Revenue Requirement (29) + (31)	105,759,800
33	Net Requirement from Detroit Customer Class (a)	295,871,900

(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
Approved FY 2021 Industrial Specific Retail Sewer Charges

Industrial Waste Control Charges	
<u>Meter Size - inches</u>	<u>Charge \$/mo</u>
5/8	3.45
3/4	5.18
1	8.63
1-1/2	18.98
2	27.60
3	50.03
4	69.00
6	103.50
8	172.50
10	241.50
12	276.00
14	345.00
16	414.00
18	483.00
20	552.00
24	621.00
30	690.00
36	759.00
48	828.00

Pollutant Surcharges	
<u>Pollutant</u>	<u>Charge \$/lb</u>
BIOCHEMICAL OXYGEN DEMAND (BOD) for concentrations > 275 mg/l	0.502
TOTAL SUSPENDED SOLIDS (TSS) for concentrations > 350 mg/l	0.51
PHOSPHORUS (P) for concentrations > 12 mg/l	7.519
FATS, OIL AND GREASE (FOG) for concentrations > 100 mg/l	0.484
SEPTAGE DISPOSAL FEE Per 500 gallons of disposal	48.00

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

Industrial Waste Control Charges- Administration Only
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<u>Meter Size - inches</u>	<u>Charge</u> \$/mo
5/8	0.86
3/4	1.30
1	2.16
1-1/2	4.75
2	6.90
3	12.51
4	17.25
6	25.88
8	43.13
10	60.38
12	69.00
14	86.25
16	103.50
18	120.75
20	138.00
24	155.25
30	172.50
36	189.75
48	207.00