



Proposed Schedule of Charges

February 15, 2019



**GREAT LAKES WATER AUTHORITY
NOTICE OF PUBLIC HEARING
PROPOSED FY 2020 WATER AND SEWERAGE SERVICE CHARGES**

Notice is hereby given that the Great Lakes Water Authority Board of Directors will hold a Public Hearing on Water and Sewerage service charges proposed by the Great Lakes Water Authority for Fiscal Year 2020.

DATE: Wednesday, February 27, 2019

TIME: 2:00 p.m.

**PLACE: 5th Floor Board Room
735 Randolph
Detroit, Michigan 48226**

The proposed service charges are scheduled to take effect on July 1, 2019.

The proposed schedule of charges is available for public inspection at the office of the Authority, Water Board Building, 735 Randolph, Detroit, Michigan 48226. The proposed schedule of charges may also be found online at <https://www.glwater.org/financials/>.

Individuals or groups wishing to make oral presentations or submit prepared statements pertaining to the proposed service charges may do so at the Public Hearing. Individuals or groups giving oral presentations are encouraged to have their presentations in writing, with a copy to be submitted for the record to the Great Lakes Water Authority Board of Directors. Oral presentations should be brief to allow all parties the opportunity to participate. A time limit may be imposed based upon registration at the hearing.

Interested parties who are unable to attend the Public Hearing may submit their comments in writing to:

Sue F. McCormick, Chief Executive Officer
Great Lakes Water Authority
735 Randolph
Detroit, Michigan, 48226

Great Lakes Water Authority
Proposed FY 2020 Water Supply System Allocated Revenue Requirements and Service Charges

Line		Fixed Monthly	Commodity	Annual
No.	<u>Wholesale Customer</u>	<u>Charge (a)</u>	<u>Charge (a)</u>	<u>Revenue Req'ts</u>
		\$/mo	\$/Mcf	\$
1	Allen Park	121,500	7.43	2,429,400
2	Almont Village	11,800	10.46	235,300
3	Ash Township	41,400	8.07	827,600
4	Belleville	15,400	9.75	307,100
5	Berlin Township	37,400	10.73	748,700
6	Brownstown Township	186,000	10.30	3,719,200
7	Bruce Twp	15,300	75.96	305,700
8	Canton Township	523,800	11.59	10,476,500
9	Center Line	23,500	6.01	470,100
10	Chesterfield Township	213,100	10.03	4,262,100
11	Clinton Township	386,200	7.46	7,723,400
12	Commerce Township	182,600	13.73	3,652,900
13	Dearborn	534,900	6.90	10,698,400
14	Dearborn Heights	186,900	7.38	3,738,100
15	Eastpointe	79,800	5.87	1,596,500
16	Ecorse	75,800	4.30	1,515,000
17	Farmington	52,200	8.72	1,044,400
18	Farmington Hills	457,900	9.70	9,157,300
19	Ferndale	51,600	5.96	1,032,200
20	Flat Rock	71,000	8.54	1,420,100
21	Flint (b)	571,700	8.26	11,434,800
22	Fraser	62,800	8.10	1,255,000
23	Garden City	87,000	7.94	1,740,400
24	Gibraltar	17,300	7.84	346,700
25	Grosse Ile Township	56,400	11.23	1,128,800
26	Grosse Pt. Park	76,900	10.34	1,538,200
27	Grosse Pt. Shores	33,700	12.86	674,900
28	Grosse Pt. Woods	72,100	8.89	1,442,600
29	Hamtramck	39,600	5.34	791,300
30	Harper Woods	43,200	6.19	864,800
31	Harrison Township	78,100	6.56	1,561,200
32	Hazel Park	37,200	5.87	743,800
33	Highland Park	59,300	4.46	1,185,000
34	Huron Township	75,300	9.62	1,506,100
35	Imlay City	71,300	13.61	1,426,100
36	Imlay Twp	800	36.47	15,500
37	Inkster	61,400	5.43	1,228,600
38	Keego Harbor	15,200	12.00	303,000
39	Lapeer	79,200	11.38	1,584,300
40	Lenox Township	14,900	8.07	298,400
41	Lincoln Park	111,900	6.08	2,237,200
42	Livonia	590,900	9.43	11,818,100
43	Macomb Township	649,000	15.22	12,980,700
44	Madison Heights	99,800	6.37	1,995,800
45	Mayfield Twp	2,400	23.13	47,900
46	Melvindale	33,100	6.00	662,100
47	New Haven, Village of	20,400	6.39	407,300
48	N O C W A	1,134,300	9.73	22,686,700
49	Northville	45,100	11.38	902,200
50	Northville Township	288,500	16.09	5,769,200
51	Novi	462,600	12.19	9,252,200
52	Oak Park	70,500	5.82	1,409,500
53	Oakland Co. Drain Comm.	4,000	3.40	80,100
54	Plymouth	54,400	9.93	1,087,500
55	Plymouth Township	230,200	10.62	4,603,200
56	Redford Township	164,600	7.61	3,292,200
57	River Rouge	35,200	6.97	703,700
58	Riverview	43,300	7.79	866,600
59	Rockwood	14,200	11.13	283,800
60	Romeo	12,700	17.79	253,400
61	Romulus	208,800	8.17	4,176,000
62	Roseville	135,900	5.73	2,718,100
63	Royal Oak Township	10,400	6.78	208,400
64	S O C W A	1,183,800	7.22	23,676,300

Great Lakes Water Authority
Proposed FY 2020 Water Supply System Allocated Revenue Requirements and Service Charges

Line No.		Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Annual Revenue Req'ts \$
<u>Wholesale Customer</u>				
65	Shelby Township	720,800	14.37	14,416,000
66	South Rockwood	5,900	9.50	118,800
67	Southgate	113,400	7.55	2,267,900
68	St. Clair County-Burtchville Twp	16,500	18.07	329,800
69	St. Clair County-Greenwood	22,700	13.08	454,400
70	St. Clair Shores	155,300	6.48	3,105,800
71	Sterling Heights	780,300	10.43	15,605,500
72	Sumpter Township	33,800	9.36	676,500
73	Sylvan Lake	11,900	14.48	238,900
74	Taylor	239,500	6.90	4,789,700
75	Trenton	85,700	7.75	1,714,500
76	Troy	701,400	11.40	14,028,000
77	Utica	29,400	8.95	588,800
78	Van Buren Township	173,200	10.85	3,464,900
79	Walled Lake	41,000	10.30	819,000
80	Warren	516,500	6.75	10,329,300
81	Washington Township	115,800	11.94	2,315,500
82	Wayne	153,000	13.42	3,059,100
83	West Bloomfield Township	535,200	15.46	10,703,600
84	Westland	317,400	7.49	6,347,900
85	Wixom	126,700	13.06	2,533,700
86	Woodhaven	85,900	11.38	1,718,200
87	Ypsilanti Comm Util Auth	535,400	8.37	10,707,300
88	Total Wholesale Contract Customers	183,300	0.40	318,880,800
89	Adjustment to Flint Revenue Requirement for KWA Debt Service			(6,652,200)
90	Adjustment for Highland Park Bad Debt			(1,185,000)
91	Net Requirement from Wholesale Charges			311,043,600

	Annual Revenue Requirement \$
<u>Detroit Customer Class</u>	
92	<u>Wholesale</u> Revenue Requirement (c) 40,817,100
93	less: Ownership Benefit per Lease (20,700,000)
94	<u>Net Wholesale</u> Revenue Requirement 20,117,100
95	<u>Indirect Retail</u> Revenue Requirements (d) 46,087,500
96	less: Use of Lease Payment for Debt Service (6,556,300)
97	<u>Net Indirect Retail</u> Revenue Requirements (d) 39,531,200
98	Subtotal Subject to GLWA Board Approval (94) + (97) 59,648,300
99	<u>Direct Retail</u> Revenue Requirements (e) 36,654,600
100	Total Local System Revenue Requirement (97) + (99) 76,185,800
101	Net Requirement from Detroit Customer Class 96,302,900

(a) Reflects proposed charges originally presented on January 24, 2019.

(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.

*** Reconciliation to Proposed FY 2020 Budget:**

Net Requirement from Wholesale Charges (line 91)	\$311,043,600
Net Requirement from Detroit Customer Class (line 101)	20,117,100
Total Revenues from Charges (Agrees with FY 2020 Budget Schedule 1A)	\$331,160,700

Great Lakes Water Authority - FY 2020 Sewage Disposal System
Proposed Allocated Revenue Requirements and Service Charges

	Fixed Monthly <u>Charge</u> \$/mo	Annual Revenue <u>Requirement</u> \$
<u>Suburban Wholesale</u>		
1 OMID	6,353,700	76,243,000
2 Rouge Valley	4,545,200	54,543,000
3 Oakland GWK	3,798,500	45,580,600
4 Evergreen Farmington	2,923,900	35,086,400
5 SE Macomb San Dist	2,084,400	25,011,000
6 Dearborn	1,636,300	19,636,600
7 Grosse Pointe Farms	230,700	2,768,000
8 Grosse Pointe Park	152,100	1,826,000
9 Melvindale	128,700	1,544,000
10 Farmington	96,600	1,159,900
11 Center Line	86,700	1,040,400
12 Allen Park	71,700	858,800
13 Highland Park	475,200	5,701,000
14 Hamtramck	334,700	4,016,600
15 Grosse Pointe	74,900	898,600
16 Harper Woods	18,400	220,900
17 Redford Township	22,000	265,200
18 Wayne County #3	4,200	49,400
19 Subtotal "Regional Wholesale Revenues from Charges"		276,449,400
20 Industrial Specific Revenues		13,784,000
21 Subtotal "Regional Wholesale Revenues from Charges"		290,233,400
22 less: Highland Park Bad Debt		(2,260,000)
23 Total "Regional Wholesale Revenues"		287,973,400
<i>* Wholesale charges will be effective July 1, 2019</i>		

	Annual Revenue <u>Requirement</u> \$
<u>Detroit Customer Class</u>	
24 Wholesale Revenue Requirement (a)	191,634,800
25 less: Ownership Benefit per Lease	(5,516,000)
26 Net Wholesale Revenue Requirement	186,118,800
27 Indirect Retail Revenue Requirements (b)	38,077,200
28 less: Use of Lease Payment for Debt Service	(4,040,800)
29 Net Indirect Retail Revenue Requirements (b)	34,036,400
30 Subtotal Subject to GLWA Board Approval (26) + (29)	220,155,200
31 Direct Retail Revenue Requirements (c)	72,472,800
32 Total Local System Revenue Requirement (29) + (31)	106,509,200
33 Net Requirement from Detroit Customer Class	292,628,000

(a) Wholesale revenue requirements for the Detroit Customer Class.

(b) Local System revenue requirements related to Master Bond Ordinance (local debt service, etc.)

(c) Local System operating expenses (net of shared services reimbursement) and I&E deposit. Not Subject to GLWA Board approval.

*** Reconciliation to Proposed FY 2020 Budget:**

Total Regional Wholesale Revenues (line 23)	\$287,973,400
Net Requirement from Detroit Customer Class (line 33)	186,118,800
Total Revenues from Charges (Agrees with FY 2020 Budget Schedule 1B)	<u>\$474,092,200</u>

Great Lakes Water Authority - FY 2020 Sewage Disposal System
Proposed Industrial Specific Retail Sewer Charges

Industrial Waste Control Charges	
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<u>Meter Size - inches</u>	<u>Charge</u> \$/mo
5/8	3.55
3/4	5.34
1	8.89
1-1/2	19.56
2	28.44
3	51.55
4	71.10
6	106.64
8	177.74
10	248.84
12	284.38
14	355.48
16	426.58
18	497.67
20	568.77
24	639.86
30	710.96
36	782.06
48	853.15

Pollutant Surcharges	
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<u>Pollutant</u>	<u>Charge</u> \$/lb
BIOCHEMICAL OXYGEN DEMAND (BOD) for concentrations > 275 mg/l	0.483
TOTAL SUSPENDED SOLIDS (TSS) for concentrations > 350 mg/l	0.490
PHOSPHORUS (P) for concentrations > 12 mg/l	7.228
FATS, OIL AND GREASE (FOG) for concentrations > 100 mg/l	0.465
SEPTAGE DISPOSAL FEE Per 500 gallons of disposal	48.00