

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

Line No.	<u>Wholesale Customer</u>	Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Annual Revenue Req'ts \$
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

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Line No.	Wholesale Customer	Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Annual Revenue Req'ts \$		
63	Royal Oak Township	10,400	6.78	208,400		
64	S O C W A	1,183,800	7.22	23,676,300		
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	<b>Net Requirement from Wholesale Charges (agrees with GLWA Budget "Schedule 3A")</b>			<b>311,043,600</b>		
					<b>Alternative A- Includes GLWA Facilities Adjustment</b>	<b>Alternative B- Without GLWA Facilities Adjustment</b>
	<b><u>Detroit Customer Class</u></b>				<b>\$</b>	<b>\$</b>
92	<b>Wholesale</b> Revenue Requirement (c)			40,817,100	40,817,100	42,236,700
93	less: Ownership Benefit per Lease			(20,700,000)	(20,700,000)	(20,700,000)
94	<b>Net Wholesale</b> Revenue Requirement			20,117,100	20,117,100	21,536,700
95	<b>Indirect Retail</b> Revenue Requirements (d)			46,087,500	46,087,500	46,098,000
96	less: Use of Lease Payment for Debt Service			(6,556,300)	(6,556,300)	(4,478,600)
97	<b>Net Indirect Retail</b> Revenue Requirements (d)			39,531,200	39,531,200	41,619,400
98	Subtotal Subject to GLWA Board Approval (94) + (97)			59,648,300	59,648,300	63,156,100
99	<b>Direct Retail</b> Revenue Requirements (e)			36,654,600	36,654,600	36,654,600
100	<b>Total Local System Revenue Requirement (97) + (99)</b>			76,185,800	76,185,800	78,274,000
101	<b>Net Requirement from Detroit Customer Class (agrees with GLWA Budget "Schedule 3A)</b>			96,302,900	96,302,900	99,810,700

(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.

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> \$
<b><u>Suburban Wholesale</u></b>		
1	OMID	6,353,700
2	Rouge Valley	4,545,200
3	Oakland GWK	3,798,500
4	Evergreen Farmington	2,923,900
5	SE Macomb San Dist	2,084,400
6	Dearborn	1,636,300
7	Grosse Pointe Farms	230,700
8	Grosse Pointe Park	152,100
9	Melvindale	128,700
10	Farmington	96,600
11	Center Line	86,700
12	Allen Park	71,700
13	Highland Park	475,200
14	Hamtramck	334,700
15	Grosse Pointe	74,900
16	Harper Woods	18,400
17	Redford Township	22,000
18	Wayne County #3	4,200
19	<b>Subtotal "Regional Wholesale Revenues from Charges"</b>	276,449,400
20	Industrial Specific Revenues	13,784,000
21	<b>Subtotal "Regional Wholesale Revenues from Charges"</b>	290,233,400
22	less: Highland Park Bad Debt	(2,260,000)
23	<b>Total "Regional Wholesale Revenues" (a)</b>	<b>287,973,400</b>

\* Wholesale charges will be effective July 1, 2019

	<u>Alternative A- Includes GLWA Facilities Adjustment</u> \$	<u>Alternative B- Without GLWA Facilities Adjustment</u> \$
<b><u>Detroit Customer Class</u></b>		
24	<b>Wholesale</b> Revenue Requirement (c)	191,634,800
25	less: Ownership Benefit per Lease	(5,516,000)
26	<b>Net Wholesale</b> Revenue Requirement	186,118,800
27	<b>Indirect Retail</b> Revenue Requirements (d)	38,077,200
28	less: Use of Lease Payment for Debt Service	(4,040,800)
29	<b>Net Indirect Retail</b> Revenue Requirements (d)	34,036,400
30	Subtotal Subject to GLWA Board Approval (26) + (29)	220,155,200
31	<b>Direct Retail</b> Revenue Requirements (e)	72,472,800
32	<b>Total Local System Revenue Requirement</b> (29) + (31)	106,509,200
33	<b>Net Requirement from Detroit Customer Class (a)</b>	292,628,000

(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 - FY 2020 Sewage Disposal System  
Proposed Industrial Specific Retail Sewer Charges

<b>Industrial Waste Control Charges</b>	
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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

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