

Great Lakes Water Authority
FY 2019 Water Supply System Allocated Revenue Requirements and Service Charges
1% Budget Increase

<u>Line</u> <u>No.</u>	<u>Customer</u>	<u>Fixed Monthly</u> <u>Charge (a)</u> \$/mo	<u>Commodity</u> <u>Charge (a)</u> \$/Mcf	<u>Annual</u> <u>Revenue Req'ts</u> \$
1	Allen Park	115,500	6.99	2,310,100
2	Almont Village	11,400	10.22	227,800
3	Ash Township	39,200	7.71	784,200
4	Belleville	14,800	9.60	295,700
5	Berlin Township	37,900	10.68	758,100
6	Brownstown Township	182,000	10.46	3,640,000
7	Bruce Twp	9,300	54.76	186,100
8	Canton Township	502,600	11.29	10,051,600
9	Center Line	22,500	5.72	450,200
10	Chesterfield Township	201,700	9.74	4,034,300
11	Clinton Township	409,400	8.03	8,185,800
12	Commerce Township	185,900	14.38	3,717,700
13	Dearborn (a)	533,600	5.95	10,671,100
14	Dearborn Heights	178,700	6.94	3,574,000
15	Eastpointe	76,400	5.38	1,527,400
16	Ecorse	73,300	4.07	1,466,100
17	Farmington	50,800	8.43	1,016,800
18	Farmington Hills	463,200	9.78	9,262,100
19	Ferndale	49,600	5.79	991,800
20	Flat Rock	63,800	7.51	1,277,000
21	Flint (b)	554,100	8.14	11,080,600
22	Fraser	59,700	7.69	1,193,900
23	Garden City	85,100	7.66	1,702,900
24	Gibraltar (a)	16,900	7.67	337,800
25	Grosse Ile Township	66,800	12.95	1,336,400
26	Grosse Pt. Park	72,600	9.66	1,451,800
27	Grosse Pt. Shores	31,600	12.50	631,700
28	Grosse Pt. Woods	75,400	9.43	1,507,400
29	Hamtramck	34,100	4.69	682,200
30	Harper Woods	44,700	6.28	894,400
31	Harrison Township	75,000	6.58	1,499,400
32	Hazel Park	35,700	5.52	714,300
33	Highland Park	69,300	3.66	1,385,400
34	Huron Township	74,400	9.57	1,488,100
35	Imlay City	57,400	11.92	1,147,700
36	Imlay Twp	700	41.14	14,200
37	Inkster (a)	61,100	5.30	1,221,300
38	Keego Harbor	15,400	11.96	308,000
39	Lapeer	72,000	10.44	1,440,300
40	Lenox Township	15,000	7.79	300,000
41	Lincoln Park	114,400	6.34	2,288,900
42	Livonia	707,300	11.28	14,147,900
43	Macomb Township	561,200	13.80	11,224,900
44	Madison Heights	103,000	6.07	2,059,700
45	Mayfield Twp	2,200	31.99	43,700

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46	Melvindale	34,300	6.22	685,900
47	New Haven, Village of	18,700	8.96	374,000
48	N O C W A	1,185,200	10.37	23,704,700
49	Northville	38,600	9.59	772,000
50	Northville Township	283,200	16.27	5,664,800
51	Novi	459,900	12.48	9,196,700
52	Oak Park	68,300	5.64	1,366,700
53	Oakland Co. Drain Comm.	3,300	3.16	65,800
54	Plymouth	52,800	9.97	1,056,300
55	Plymouth Township	222,900	10.33	4,458,800
56	Redford Township	157,600	7.25	3,152,000
57	River Rouge	35,200	6.16	703,300
58	Riverview	43,100	7.95	861,400
59	Rockwood	15,600	12.14	312,200
60	Romeo	12,800	18.05	256,500
61	Romulus	193,100	7.77	3,864,200
62	Roseville	130,000	5.47	2,599,300
63	Royal Oak Township	11,500	7.63	230,300
64	S O C W A	1,178,000	7.30	23,556,700
65	Shelby Township	700,700	14.05	14,014,400
66	South Rockwood	5,400	8.47	108,000
67	Southgate	112,800	7.43	2,256,300
68	St. Clair County-Burtchville Twp	15,600	16.45	312,200
69	St. Clair County-Greenwood	21,300	13.36	426,600
70	St. Clair Shores	148,900	5.88	2,979,300
71	Sterling Heights	743,400	9.79	14,866,300
72	Sumpter Township	33,700	9.45	673,700
73	Sylvan Lake	11,900	14.17	237,700
74	Taylor	229,100	6.49	4,582,000
75	Trenton	110,800	10.02	2,216,400
76	Troy	682,500	11.55	13,650,800
77	Utica	28,100	9.00	562,200
78	Van Buren Township	165,200	10.51	3,305,600
79	Walled Lake	46,600	12.02	931,800
80	Warren	521,300	6.49	10,422,800
81	Washington Township	111,000	11.86	2,220,300
82	Wayne	145,200	12.67	2,904,200
83	West Bloomfield Township	534,000	16.14	10,681,900
84	Westland	312,400	7.81	6,245,700
85	Wixom	124,900	13.24	2,498,400
86	Woodhaven	81,400	10.71	1,628,000
87	Ypsilanti Comm Util Auth	513,600	8.20	10,270,600
88	Total Wholesale Contract Customers	181,300	0.40	315,407,600
89	Adjustment to Flint Revenue Requirement for KWA Debt Service			(6,639,700)
90	Adjustment for Highland Park Bad Debt			(1,385,400)
91	Net Requirement from Wholesale Charges (agrees with GLWA Budget "Schedule 3A")			307,382,500

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Detroit Customer Class

92	<u>Wholesale</u> Revenue Requirement (c)	40,881,400
93	less: Ownership Benefit per Lease	<u>(20,700,000)</u>
94	<u>Net Wholesale</u> Revenue Requirement	20,181,400
95	<u>Indirect Retail</u> Revenue Requirements (d)	41,561,400
96	less: Use of Lease Payment for Debt Service	<u>(3,949,200)</u>
97	<u>Net Indirect Retail</u> Revenue Requirements (d)	37,612,200
98	Subtotal Subject to GLWA Board Approval (94) + (97)	57,793,600
99	<u>Direct Retail</u> Revenue Requirements (e)	39,756,300
100	Total Local System Revenue Requirement (97) + (99)	77,368,500
101	Net Requirement from Detroit Customer Class (agrees with GLWA Budget "Schedule 3A")	97,549,900

(a) Reflects "Scenario 2" originally presented on January 25, 2018, adjusted to reflect modified BUDGET, except for modifications for Dearborn, Gibraltar and Inkster - which were subsequently adjusted.

(b) Net fixed monthly charge will include 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 2019 Sewage Disposal System
Allocated Revenue Requirements and Service Charges @ 1% Budget Increase

	Fixed Monthly <u>Charge</u> \$/mo	Annual Revenue <u>Requirement</u> \$
<u>Suburban Wholesale</u>		
1 OMID	6,461,100	77,533,200
2 Rouge Valley	4,480,100	53,761,200
3 Oakland GWK	3,747,700	44,972,400
4 Evergreen Farmington	2,881,500	34,578,000
5 NE Wayne Co	2,056,000	24,672,000
6 Dearborn	1,614,400	19,372,800
7 Grosse Pointe Farms	227,300	2,727,600
8 Grosse Pointe Park	150,100	1,801,200
9 Melvindale	126,900	1,522,800
10 Farmington	95,300	1,143,600
11 Center Line	85,600	1,027,200
12 Allen Park	70,600	847,200
13 Highland Park	467,900	5,614,800
14 Hamtramck	330,200	3,962,400
15 Grosse Pointe	74,100	889,200
16 Harper Woods	18,200	218,400
17 Redford Township	21,700	260,400
18 Wayne County #3	4,100	49,200
19 Subtotal "Regional Wholesale Revenues from Charges"		274,953,600
20 Industrial Specific Revenues		14,123,500
21 Subtotal "Regional Wholesale Revenues from Charges"		289,077,100
22 less: Highland Park Bad Debt		(2,780,000)
23 Total "Regional Wholesale Revenues" (a)		286,297,100

* Wholesale charges will be effective July 1, 2018

	Annual Revenue <u>Requirement</u> \$
Detroit Customer Class	
24 Wholesale Revenue Requirement (c)	186,675,300
25 less: Ownership Benefit per Lease	(5,516,000)
26 Net Wholesale Revenue Requirement	181,159,300
27 Indirect Retail Revenue Requirements (d)	31,419,800
28 less: Use of Lease Payment for Debt Service	(4,864,000)
29 Net Indirect Retail Revenue Requirements (d)	26,555,800
30 Subtotal Subject to GLWA Board Approval (26) + (29)	207,715,100
31 Direct Retail Revenue Requirements (e)	70,977,500
32 Total Local System Revenue Requirement (29) + (31)	97,533,300
33 Net Requirement from Detroit Customer Class (a)	278,692,600

(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.



THE FOSTER GROUP

Great Lakes Water Authority - FY 2019 Sewage Disposal System
Industrial Specific Retail Sewer Charges @ 1% *Budget Increase*

Industrial Waste Control Charges		Pollutant Surcharges	
<u>Meter Size - inches</u>	<u>Charge</u> \$/mo	<u>Pollutant</u>	<u>Charge</u> \$/lb
5/8	3.55	BIOCHEMICAL OXYGEN DEMAND (BOD)	
3/4	5.34	for concentrations > 275 mg/l	0.483
1	8.89		
1-1/2	19.56		
2	28.44	TOTAL SUSPENDED SOLIDS (TSS)	
3	51.55	for concentrations > 350 mg/l	0.490
4	71.10		
6	106.64		
8	177.74	PHOSPHORUS (P)	
10	248.84	for concentrations > 12 mg/l	7.228
12	284.38		
14	355.48		
16	426.58	FATS, OIL AND GREASE (FOG)	
18	497.67	for concentrations > 100 mg/l	0.465
20	568.77		
24	639.86		
30	710.96	SEPTAGE DISPOSAL FEE	
36	782.06	Per 500 gallons of disposal	47.00
48	853.15		