

Great Lakes Water Authority
 Approved FY 2021 Water Supply System Allocated Revenue Requirements and Service Charges
 Effective Date: January 1, 2021

Line No.	Customer	Fixed Monthly Charge (a) \$/mo	Commodity Charge (a) \$/Mcf	Annual Revenue Requirement	(f) Annual Revenue Requirement	(g) Annual Revenue Requirement
				As Approved 3.11.2020 \$	As Amended 4.22.2020 \$	As Amended 9.23.2020 \$
1	Allen Park	122,400	7.80	2,448,300	2,426,100	2,409,600
2	Almont Village	12,200	10.52	244,200	242,600	240,800
3	Ash Township	42,400	8.28	848,300	841,800	835,900
4	Belleville	16,000	9.77	320,000	317,400	315,100
5	Berlin Township	37,400	11.41	748,800	742,400	737,600
6	Brownstown Township	187,400	10.82	3,748,700	3,714,300	3,690,100
7	Bruce Twp	15,900	68.40	318,700	318,700	318,600
8	Burtchville Twp	16,800	18.67	336,000	332,900	330,900
9	Canton Township	527,600	12.17	10,552,100	10,449,500	10,383,400
10	Center Line	23,900	6.23	478,600	475,100	471,600
11	Chesterfield Township	217,600	10.33	4,352,200	4,316,300	4,286,600
12	Clinton Township	390,100	7.79	7,801,400	7,731,300	7,680,600
13	Commerce Township	183,400	14.50	3,668,400	3,630,200	3,608,700
14	Dearborn	539,900	7.24	10,797,800	10,709,000	10,629,200
15	Dearborn Heights	189,200	7.70	3,783,300	3,753,500	3,727,300
16	Eastpointe	80,600	6.15	1,611,700	1,599,600	1,588,100
17	Ecorse	78,800	4.31	1,575,700	1,564,300	1,553,000
18	Farmington	52,300	9.24	1,046,100	1,036,700	1,030,000
19	Farmington Hills	460,900	10.20	9,218,900	9,131,400	9,073,700
20	Ferndale	52,300	6.19	1,045,000	1,037,200	1,030,100
21	Flat Rock	70,500	9.18	1,410,400	1,399,200	1,389,700
22	Flint (b)	572,300	8.76	11,445,300	11,364,400	11,284,800
23	Fraser	63,200	8.51	1,263,000	1,252,100	1,243,400
24	Garden City	87,900	8.30	1,757,500	1,743,900	1,731,800
25	Gibraltar	17,300	8.33	345,800	343,200	340,900
26	Grosse Ile Township	57,300	11.65	1,146,700	1,137,200	1,129,600
27	Grosse Pt. Park	76,700	11.04	1,533,200	1,516,900	1,507,600
28	Grosse Pt. Shores	33,900	13.60	677,400	669,100	665,400
29	Grosse Pt. Woods	73,700	9.13	1,474,400	1,461,900	1,451,800
30	Hamtramck	40,900	5.39	817,200	811,400	805,500
31	Harper Woods	42,500	6.76	850,800	843,600	837,300
32	Harrison Township	79,100	6.82	1,582,400	1,568,900	1,558,500
33	Hazel Park	38,200	5.98	764,200	758,300	752,700
34	Highland Park	60,300	4.61	1,206,300	1,196,400	1,187,900
35	Huron Township	76,000	10.09	1,520,200	1,507,600	1,497,100
36	Imlay City	74,600	13.52	1,492,800	1,481,900	1,478,400
37	Imlay Twp	800	39.44	16,700	16,600	16,500
38	Inkster	63,800	5.45	1,276,400	1,267,200	1,257,900
39	Keego Harbor	15,500	12.35	309,500	306,700	304,600
40	Lapeer	80,300	11.84	1,605,400	1,593,000	1,581,400
41	Lenox Township	15,300	8.21	306,000	303,900	301,700
42	Lincoln Park	115,900	6.12	2,317,900	2,300,500	2,284,100
43	Livonia	594,800	9.92	11,896,300	11,781,300	11,705,500
44	Macomb Township	653,000	16.03	13,059,300	12,922,100	12,847,000
45	Madison Heights	99,400	6.82	1,987,500	1,971,100	1,956,700
46	Mayfield Twp	2,500	23.10	49,400	48,900	48,600
47	Melvindale	33,600	6.23	671,000	666,300	661,300
48	New Haven, Village of	20,500	6.74	409,800	405,900	403,400
49	N O C W A	1,143,600	10.22	22,871,800	22,661,300	22,514,800
50	Northville	46,100	11.72	922,300	914,400	908,100
51	Northville Township	290,100	16.95	5,802,200	5,738,700	5,705,400
52	Novi	468,800	12.69	9,375,800	9,285,000	9,225,800
53	Oak Park	71,700	6.03	1,433,600	1,422,600	1,412,500
54	Oakland Co. Drain Comm.	4,300	3.29	86,800	86,200	85,400
55	Plymouth	55,500	10.24	1,110,300	1,101,000	1,093,200
56	Plymouth Township	229,900	11.31	4,597,800	4,549,100	4,522,200
57	Redford Township	165,300	8.04	3,305,200	3,278,800	3,255,700
58	River Rouge	34,800	7.54	696,700	691,200	687,300
59	Riverview	45,000	7.82	899,100	892,400	885,800
60	Rockwood	14,400	11.56	287,200	284,900	282,800
61	Romeo	13,000	18.18	259,600	257,500	255,700
62	Romulus	216,400	8.23	4,328,700	4,296,400	4,265,300
63	Roseville	138,700	5.91	2,774,800	2,754,100	2,734,100
64	Royal Oak Township	10,500	7.15	210,400	208,700	207,200

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				As Approved 3.11.2020 \$	As Amended 4.22.2020 \$	As Amended 9.23.2020 \$
65	S O C W A	1,192,900	7.58	23,857,100	23,631,600	23,480,900
66	Shelby Township	724,600	15.15	14,491,100	14,336,500	14,256,100
67	South Rockwood	6,000	9.92	119,600	119,000	118,100
68	Southgate	114,600	7.90	2,291,500	2,273,500	2,257,400
69	St. Clair County-Greenwood Township	24,000	12.83	480,400	477,400	473,600
70	St. Clair Shores	158,300	6.68	3,165,400	3,141,100	3,119,800
71	Sterling Heights	785,000	10.99	15,700,400	15,552,200	15,452,000
72	Sumpter Township	34,500	9.64	689,600	684,200	679,300
73	Sylvan Lake	12,100	15.11	241,900	240,100	238,500
74	Taylor	241,400	7.24	4,827,900	4,787,300	4,755,000
75	Trenton	86,700	8.10	1,734,100	1,719,700	1,707,900
76	Troy	700,800	12.14	14,015,000	13,874,800	13,790,000
77	Utica	29,800	9.34	596,800	591,600	587,500
78	Van Buren Township	177,200	11.14	3,543,300	3,513,200	3,489,000
79	Walled Lake	41,700	10.64	833,500	826,800	821,000
80	Warren	530,000	6.89	10,599,900	10,513,200	10,440,000
81	Washington Township	116,900	12.49	2,337,200	2,311,400	2,298,300
82	Wayne	159,500	13.38	3,190,700	3,167,300	3,144,300
83	West Bloomfield Township	538,000	16.29	10,760,600	10,655,300	10,589,900
84	Westland	321,700	7.80	6,433,100	6,382,400	6,338,800
85	Wixom	127,600	13.73	2,551,500	2,526,000	2,510,200
86	Woodhaven	86,700	11.91	1,733,500	1,718,100	1,706,800
87	Ypsilanti Comm Util Auth	540,900	8.76	10,817,300	10,724,600	10,651,000
88	Total Wholesale Contract Customers			322,110,700	319,199,400	317,118,700
89	Adjustment to Flint Revenue Requirement for KWA Debt Service			(6,652,200)	(6,652,200)	(6,652,200)
90	Adjustment for Highland Park Bad Debt			(1,206,300)	(1,196,400)	(1,187,900)
91	Net Requirement from Wholesale Charges (agrees with GLWA Budget "Schedule 3A")			314,252,200	311,350,800	309,278,600
Detroit Customer Class - \$						
92	Wholesale Revenue Requirement (c)			43,255,400	42,940,200	42,625,500
93	less: Ownership Benefit per Lease			(20,700,000)	(20,700,000)	(20,700,000)
94	Net Wholesale Revenue Requirement			22,555,400	22,240,200	21,925,500
95	Indirect Retail Revenue Requirements (d)			46,830,400	46,830,400	46,830,400
96	less: Use of Lease Payment for Debt Service			(8,278,300)	(8,278,300)	(8,278,300)
97	Net Indirect Retail Revenue Requirements (d)			38,552,100	38,552,100	38,552,100
98	Subtotal Subject to GLWA Board Approval (94) + (97)			61,107,500	60,792,300	60,477,600
99	Direct Retail Revenue Requirements (e)			40,105,900	40,105,900	40,105,900
100	Total Local System Revenue Requirement (97) + (99)			78,658,000	78,658,000	78,658,000
101	Net Requirement from Detroit Customer Class (agrees with GLWA Budget "Schedule 3A")			101,213,400	100,898,200	100,583,500

(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.

(f) On April 22, 2020 the GLWA Board approved the delayed effective date of the FY 2021 charges to October 1, 2020.

(g) On September 23, 2020 the GLWA Board approved the delayed effective date of the FY 2021 charges to January 1, 2021. Annual revenue

Great Lakes Water Authority
 Approved FY 2021 Sewage Disposal System Allocated Revenue Requirements and Service Charges
Effective Date: January 1, 2021

	Fixed Monthly <u>Charge</u> \$/mo	Annual Revenue Requirement As Approved <u>3.11.2020</u> \$	(f) Annual Revenue Requirement As Amended <u>4.22.2020</u> \$	(g) Annual Revenue Requirement As Amended <u>9.23.2020</u> \$
Suburban Wholesale				
1	OMID	6,400,000	76,799,400	76,421,400
2	Rouge Valley	4,575,900	54,910,700	54,608,600
3	Oakland GWK	3,821,000	45,851,800	45,599,600
4	Evergreen Farmington	2,944,100	35,329,000	35,134,700
5	SE Macomb San Dist	2,097,000	25,164,500	25,026,100
6	Dearborn	1,646,200	19,754,700	19,646,000
7	Grosse Pointe Farms	232,300	2,787,700	2,772,400
8	Grosse Pointe Park	153,000	1,835,600	1,825,500
9	Melvindale	129,600	1,554,600	1,546,100
10	Farmington	97,200	1,166,900	1,160,500
11	Center Line	87,300	1,047,900	1,042,100
12	Allen Park	72,200	866,300	861,500
13	Highland Park	478,900	5,747,300	5,715,700
14	Hamtramck	337,000	4,044,200	4,022,000
15	Grosse Pointe	75,400	904,300	899,300
16	Harper Woods	18,500	222,100	220,900
17	Redford Township	22,300	267,500	266,000
18	Wayne County #3	4,300	51,500	51,200
19	Subtotal "Regional Wholesale Revenues from Charges"		<u>278,306,000</u>	<u>276,819,600</u>
20	Industrial Specific Revenues		14,038,200	13,964,600
21	Subtotal "Regional Wholesale Revenues from Charges"		<u>292,344,200</u>	<u>290,784,200</u>
22	less: Highland Park Bad Debt		(1,294,200)	(1,287,100)
23	Total "Regional Wholesale Revenues" (a)		<u>291,050,000</u>	<u>289,497,100</u>
* Wholesale charges will be effective October 1, 2020				
Detroit Customer Class - \$				
24	Wholesale Revenue Requirement (c)		<u>195,628,100</u>	<u>194,551,900</u>
25	less: Ownership Benefit per Lease		<u>(5,516,000)</u>	<u>(5,516,000)</u>
26	Net Wholesale Revenue Requirement		<u>190,112,100</u>	<u>189,035,900</u>
27	Indirect Retail Revenue Requirements (d)		<u>36,245,300</u>	<u>36,245,300</u>
28	less: Use of Lease Payment for Debt Service		<u>(3,257,200)</u>	<u>(3,257,200)</u>
29	Net Indirect Retail Revenue Requirements (d)		<u>32,988,100</u>	<u>32,988,100</u>
30	Subtotal Subject to GLWA Board Approval (26) + (29)		<u>223,100,200</u>	<u>222,024,000</u>
31	Direct Retail Revenue Requirements (e)		<u>72,771,700</u>	<u>72,771,700</u>
32	Total Local System Revenue Requirement (29) + (31)		<u>105,759,800</u>	<u>105,759,800</u>
33	Net Requirement from Detroit Customer Class (a)		<u>295,871,900</u>	<u>294,795,700</u>

(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.

(f) On April 22, 2020 the GLWA Board approved the delayed effective date of the FY 2021 charges to October 1, 2020.

(g) On September 23, 2020 the GLWA Board approved the delayed effective date of the FY 2021 charges to January 1, 2021.

Great Lakes Water Authority
 Approved FY 2021 Industrial Specific Retail Sewer Charges
Effective Date: January 1, 2021

Industrial Waste Control Charges	
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Meter Size - inches	Charge \$/mo
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	
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Pollutant	Charge \$/lb
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
Effective Date: January 1, 2021

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