

Highland Park Bad Debt Synopsis  
Allocation of Potential Subsequent Recovery Credit to **Water and Sewer** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <u>Debt</u>	Initial Recovery Credit <u>Credit</u> <i>(b)</i>	Pending Subsequent Recovery Credit <u>Credit</u> <i>(c)</i>	Total Recovery Credit <u>Credit</u> <i>(3) + (4)</i>
<b><u>Water Charges</u></b>					
Macomb	\$1,127,700	21.9%	\$27,400	<b>\$1,100,300</b>	\$1,127,700
Oakland	1,471,900	28.6%	36,100	<b>1,435,800</b>	1,471,900
Wayne <i>(excl. Detroit)</i>	1,516,100	29.4%	36,900	<b>1,479,200</b>	1,516,100
Other	394,600	7.7%	9,700	<b>384,900</b>	394,600
Detroit	642,200	12.5%	15,900	<b>626,300</b>	642,200
Total	<b>\$5,152,500</b>	<b>100.0%</b>	<b>\$126,000</b>	<b>\$5,026,500</b>	<b>\$5,152,500</b>
<b><u>Sewer Charges</u></b>					
Macomb <i>(d)</i>	\$8,565,900	24.0%	\$209,900	<b>\$3,603,500</b>	\$3,813,500
Oakland <i>(e)</i>	14,419,900	40.4%	353,500	<b>6,066,200</b>	6,419,600
Wayne <i>(excl. Detroit)</i>	12,670,600	35.5%	310,600	<b>5,330,300</b>	5,640,900
Other	NA	NA	NA	NA	NA
Detroit	NA	NA	NA	NA	NA
Total	<b>\$35,656,400</b>	<b>100.0%</b>	<b>\$874,000</b>	<b>\$15,000,000</b>	<b>\$15,874,000</b>
<b><u>Combined Water and Sewer Charges</u></b>					
Macomb <i>(d)</i>	\$9,693,600	23.8%	\$237,300	<b>\$4,703,800</b>	\$4,941,200
Oakland <i>(e)</i>	15,891,800	38.9%	389,600	<b>7,502,000</b>	7,891,500
Wayne <i>(excl. Detroit)</i>	14,186,700	34.8%	347,500	<b>6,809,500</b>	7,157,000
Other	394,600	1.0%	9,700	<b>384,900</b>	394,600
Detroit	642,200	1.6%	15,900	<b>626,300</b>	642,200
Total	<b>\$40,808,900</b>	<b>100.0%</b>	<b>\$1,000,000</b>	<b>\$20,026,500</b>	<b>\$21,026,500</b>
Industrial Waste Control *			0	0	0
			<b>\$1,000,000</b>	<b>\$20,026,500</b>	<b>\$21,026,500</b>

\* Highland Park IWC Bad Debt was not directly included in charges to any customer

*(a) Reflects different historical time frames for Water and Sewer Charges.*

*(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.*

*(c) Potential credit to be issued pending effectuation of conditions precedent.*

*(b) Includes 60% of Sewer amounts for the Oakland Macomb Interceptor Drain District*

*(c) Includes 40% of Sewer amounts for the Oakland Macomb Interceptor Drain District*

## Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt <u>Debt</u>	Initial Recovery Credit <u>Credit</u> <i>(b)</i>	Pending Subsequent Recovery Credit <u>Credit</u> <i>(c)</i>	Total Recovery Credit <u>Credit</u> <i>(3) + (4)</i>
1 Allen Park	\$33,900	0.66%	\$800	<b>\$33,100</b>	\$33,900
2 Almont Village	3,300	0.06%	100	<b>3,200</b>	3,300
3 Ash Township	11,700	0.23%	300	<b>11,400</b>	11,700
4 Belleville	4,300	0.08%	100	<b>4,200</b>	4,300
5 Berlin Township	10,600	0.21%	300	<b>10,300</b>	10,600
6 Brownstown Township	52,500	1.02%	1,300	<b>51,200</b>	52,500
7 Bruce Township	3,900	0.08%	100	<b>3,800</b>	3,900
8 Burtchville Township	4,700	0.09%	100	<b>4,600</b>	4,700
9 Canton Township	147,400	2.86%	3,600	<b>143,800</b>	147,400
10 Center Line	6,500	0.13%	200	<b>6,300</b>	6,500
11 Chesterfield Township	59,900	1.16%	1,500	<b>58,400</b>	59,900
12 Clinton Township	112,000	2.17%	2,700	<b>109,300</b>	112,000
13 Commerce Township	52,300	1.02%	1,300	<b>51,000</b>	52,300
14 Dearborn	159,100	3.09%	3,900	<b>155,200</b>	159,100
15 Dearborn Heights	52,600	1.02%	1,300	<b>51,300</b>	52,600
16 Eastpointe	21,900	0.43%	500	<b>21,400</b>	21,900
17 Ecorse	21,500	0.42%	500	<b>21,000</b>	21,500
18 Farmington	14,700	0.29%	400	<b>14,300</b>	14,700
19 Farmington Hills	129,600	2.52%	3,200	<b>126,400</b>	129,600
20 Ferndale	14,300	0.28%	300	<b>14,000</b>	14,300
21 Flat Rock	19,500	0.38%	500	<b>19,000</b>	19,500
22 Flint *	162,600	3.16%	4,000	<b>158,600</b>	162,600
23 Fraser	17,500	0.34%	400	<b>17,100</b>	17,500
24 Garden City	24,400	0.47%	600	<b>23,800</b>	24,400
25 Gibraltar	5,400	0.10%	100	<b>5,300</b>	5,400
26 Greenwood Township (DTE)	7,700	0.15%	200	<b>7,500</b>	7,700
27 Grosse Ile Township	16,900	0.33%	400	<b>16,500</b>	16,900
28 Grosse Pt. Park	20,900	0.41%	500	<b>20,400</b>	20,900
29 Grosse Pt. Shores	9,400	0.18%	200	<b>9,200</b>	9,400
30 Grosse Pt. Woods	20,200	0.39%	500	<b>19,700</b>	20,200
31 Hamtramck	10,600	0.21%	300	<b>10,300</b>	10,600
32 Harper Woods	12,200	0.24%	300	<b>11,900</b>	12,200
33 Harrison Township	22,200	0.43%	500	<b>21,700</b>	22,200
34 Hazel Park	10,300	0.20%	300	<b>10,000</b>	10,300
35 Highland Park <i>(d)</i>	0	0.00%	0	<b>0</b>	0
36 Huron Township	21,300	0.41%	500	<b>20,800</b>	21,300
37 Imlay City	19,500	0.38%	500	<b>19,000</b>	19,500
38 Imlay Township (Single User)	100	0.00%	0	<b>100</b>	100

## Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt	Initial Recovery Credit <i>(b)</i>	Pending Subsequent Recovery Credit <i>(c)</i>	Total Recovery Credit <i>(3) + (4)</i>
39 Inkster	20,400	0.40%	500	<b>19,900</b>	20,400
40 Keego Harbor	4,300	0.08%	100	<b>4,200</b>	4,300
41 Lapeer	21,900	0.43%	500	<b>21,400</b>	21,900
42 Lenox Township	4,000	0.08%	100	<b>3,900</b>	4,000
43 Lincoln Park	32,000	0.62%	800	<b>31,200</b>	32,000
44 Livonia	177,500	3.44%	4,300	<b>173,200</b>	177,500
45 Macomb Township	177,700	3.45%	4,300	<b>173,400</b>	177,700
46 Madison Heights	28,200	0.55%	700	<b>27,500</b>	28,200
47 Mayfield Township (KAMAX)	500	0.01%	0	<b>500</b>	500
48 Melvindale	9,200	0.18%	200	<b>9,000</b>	9,200
49 New Haven, Village of	5,700	0.11%	100	<b>5,600</b>	5,700
50 NOCWA	326,400	6.33%	8,000	<b>318,400</b>	326,400
51 Northville	11,800	0.23%	300	<b>11,500</b>	11,800
52 Northville Township	81,900	1.59%	2,000	<b>79,900</b>	81,900
53 Novi	131,200	2.55%	3,200	<b>128,000</b>	131,200
54 Oak Park	19,800	0.38%	500	<b>19,300</b>	19,800
55 Oakland GWK Drain District	1,000	0.02%	0	<b>1,000</b>	1,000
56 Plymouth	15,400	0.30%	400	<b>15,000</b>	15,400
57 Plymouth Township	65,000	1.26%	1,600	<b>63,400</b>	65,000
58 Redford Township	45,700	0.89%	1,100	<b>44,600</b>	45,700
59 River Rouge	9,800	0.19%	200	<b>9,600</b>	9,800
60 Riverview	12,400	0.24%	300	<b>12,100</b>	12,400
61 Rockwood	4,100	0.08%	100	<b>4,000</b>	4,100
62 Romeo	3,600	0.07%	100	<b>3,500</b>	3,600
63 Romulus	58,600	1.14%	1,400	<b>57,200</b>	58,600
64 Roseville	37,900	0.74%	900	<b>37,000</b>	37,900
65 Royal Oak Township	3,000	0.06%	100	<b>2,900</b>	3,000
66 Shelby Township	204,300	3.97%	5,000	<b>199,300</b>	204,300
67 SOCWA	335,500	6.51%	8,200	<b>327,300</b>	335,500
68 South Rockwood	1,600	0.03%	0	<b>1,600</b>	1,600
69 Southgate	32,100	0.62%	800	<b>31,300</b>	32,100
70 St. Clair Shores	43,200	0.84%	1,100	<b>42,100</b>	43,200
71 Sterling Heights	218,300	4.24%	5,300	<b>213,000</b>	218,300
72 Sumpter Township	9,600	0.19%	200	<b>9,400</b>	9,600
73 Sylvan Lake	3,400	0.07%	100	<b>3,300</b>	3,400
74 Taylor	67,000	1.30%	1,600	<b>65,400</b>	67,000
75 Trenton	25,800	0.50%	600	<b>25,200</b>	25,800
76 Troy	197,700	3.84%	4,800	<b>192,900</b>	197,700

## Highland Park Bad Debt Synopsis

Table 1 - Allocation of Pending Subsequent Recovery Credit to **Water** Member Partners

	(1)	(2)	(3)	(4)	(5)
	Cumulative Amount in Charges FY 2019 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt	Initial Recovery Credit <i>(b)</i>	Pending Subsequent Recovery Credit <i>(c)</i>	Total Recovery Credit <i>(3) + (4)</i>
77 Utica	8,100	0.16%	200	<b>7,900</b>	8,100
78 Van Buren Township	48,700	0.95%	1,200	<b>47,500</b>	48,700
79 Walled Lake	12,200	0.24%	300	<b>11,900</b>	12,200
80 Warren	148,200	2.88%	3,600	<b>144,600</b>	148,200
81 Washington Township	32,800	0.64%	800	<b>32,000</b>	32,800
82 Wayne	43,500	0.84%	1,100	<b>42,400</b>	43,500
83 West Bloomfield Township	151,800	2.95%	3,700	<b>148,100</b>	151,800
84 Westland	89,300	1.73%	2,200	<b>87,100</b>	89,300
85 Wixom	36,200	0.70%	900	<b>35,300</b>	36,200
86 Woodhaven	24,200	0.47%	600	<b>23,600</b>	24,200
87 Ypsilanti Comm Util Auth	150,400	2.92%	3,700	<b>146,700</b>	150,400
88 Total Suburban Wholesale	4,510,300	87.54%	110,100	<b>4,400,200</b>	4,510,300
89 Detroit	642,200	12.46%	15,900	<b>626,300</b>	642,200
90 TOTAL	<b>\$5,152,500</b>	100.00%	<b>\$126,000</b>	<b>\$5,026,500</b>	<b>\$5,152,500</b>
<u>Summary by County</u>					
Macomb	\$1,127,700	21.89%	\$27,400	<b>\$1,100,300</b>	\$1,127,700
Oakland	1,471,900	28.57%	36,100	<b>1,435,800</b>	1,471,900
Wayne (excl. Detroit)	1,516,100	29.42%	36,900	<b>1,479,200</b>	1,516,100
Other	394,600	7.66%	9,700	<b>384,900</b>	394,600
Detroit	642,200	12.46%	15,900	<b>626,300</b>	642,200
Total	<b>\$5,152,500</b>	100.00%	<b>\$126,000</b>	<b>\$5,026,500</b>	<b>\$5,152,500</b>

(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual purchased volumes.

(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.

(c) Potential credit to be issued pending effectuation of conditions precedent.

(d) Highland Park is NOT allocated responsibility for, NOR charged, an amount related to the Water debt they create - as they have never made a payment.

## Highland Park Bad Debt Synopsis

Table 2 - Allocation of Pending Subsequent Recovery Credit to **Sewer** Member Partners

	(1)	(2)	(3)	(4)	(5)	
	Cumulative Amount in Charges FY 2008 thru FY 2022 <i>(a)</i>	Relative Share of Highland Park Bad Debt	Initial Recovery Credit <i>(b)</i>	Pending Subsequent Recovery Credit <i>(c)</i>	Total Recovery Credit <i>(3) + (4)</i>	
1	OMID	\$8,281,000	23.22%	\$202,900	<b>\$3,483,700</b>	\$3,686,600
2	Rouge Valley	7,420,000	20.81%	181,900	<b>3,121,500</b>	\$3,303,400
3	Oakland GWK	6,495,000	18.22%	159,200	<b>2,732,300</b>	\$2,891,500
4	Evergreen Farmington	4,459,200	12.51%	109,300	<b>1,875,900</b>	\$1,985,200
5	SE Macomb San Dist	3,471,100	9.73%	85,100	<b>1,460,200</b>	\$1,545,300
6	Dearborn	2,769,000	7.77%	67,900	<b>1,164,900</b>	\$1,232,800
7	Grosse Pointe Farms	368,300	1.03%	9,000	<b>154,900</b>	\$163,900
8	Grosse Pointe Park	241,300	0.68%	5,900	<b>101,500</b>	\$107,400
9	Melvindale	192,600	0.54%	4,700	<b>81,000</b>	\$85,700
10	Farmington	153,300	0.43%	3,800	<b>64,500</b>	\$68,300
11	Center Line	126,200	0.35%	3,100	<b>53,100</b>	\$56,200
12	Allen Park	98,200	0.28%	2,400	<b>41,300</b>	\$43,700
13	Highland Park <i>(d)</i>	753,700	2.11%	18,500	<b>317,100</b>	\$335,600
14	Hamtramck	616,200	1.73%	15,100	<b>259,200</b>	\$274,300
15	Grosse Pointe	145,500	0.41%	3,600	<b>61,200</b>	\$64,800
16	Harper Woods	37,500	0.11%	900	<b>15,800</b>	\$16,700
17	Redford Township	24,300	0.07%	600	<b>10,200</b>	\$10,800
18	Wayne County #3	4,000	0.01%	100	<b>1,700</b>	\$1,800
19	<b>Total</b>	<b>\$35,656,400</b>	<b>100.00%</b>	<b>\$874,000</b>	<b>\$15,000,000</b>	<b>\$15,874,000</b>
<u>Summary by County</u>						
	Macomb	\$8,565,900	24.02%	\$209,900	<b>\$3,603,500</b>	\$3,813,500
	Oakland	14,419,900	40.44%	353,500	<b>6,066,200</b>	6,419,600
	Wayne <i>(excl. Detroit)</i>	12,670,600	35.54%	310,600	<b>5,330,300</b>	5,640,900
	Other	NA	NA	NA	NA	NA
	Detroit	NA	NA	NA	NA	NA
	<b>Total</b>	<b>\$35,656,400</b>	<b>100.00%</b>	<b>\$874,000</b>	<b>\$15,000,000</b>	<b>\$15,874,000</b>

*(a) Based on amounts allocated in approved charges. Does not reflect impacts of variances in actual contributed wastewater volumes.*

*(b) Allocation of initial \$1 million combined Water / Sewer recovery payment credited in August 2023.*

*(c) Potential credit to be issued pending effectuation of conditions precedent.*

*(d) Yes, Highland Park is allocated responsibility for, and charged, an amount related to the Sewer bad debt they create - reflecting the partial payments they have made.*