

# GLWA

*Great Lakes Water Authority*



## Monthly Financial Report

July 2018

**Presented to the  
Great Lakes Water Authority  
Audit Committee  
on October 26, 2018**

The Monthly Wholesale Billings, Receivables, & Collections Report includes the following.

1. Wholesale Water Billings and Collections
2. Wholesale Sewer Billings and Collections
3. City of Highland Park Billings and Collections
4. Wholesale Accounts Receivable Aging Report

## Wholesale Water Billings and Collections

**Wholesale Water Contracts:** Great Lakes Water Authority (GLWA) provides wholesale water service to 87 member-partners through a variety of service arrangements.

### Service Arrangement Type\*

Model Contract	80
Emergency	1
Older Contracts	<u>6</u>
Total	<u><u>87</u></u>

*\* Note: Services are provided to the Detroit Water & Sewerage Department (DWSD) via a Water and Sewer Services Agreement (WSSA). See the "Retail Revenues, Receivables, and Collections Report" section of this monthly report.*

**Wholesale Water Billing Basis:** Beginning with FY 2016, wholesale water charges were restructured to create a more stable revenue stream by using a historical rolling average to project customer volumes which accounts for 40% of the monthly charges and 60% of the annual customer revenue requirement as a monthly fixed charge.

**Table 1 - Wholesale Water Billings** shows the FY 2019 water billed usage and revenues. As of July 31, 2018, the billed usage was at 110.30% of budget and billed revenue at 105.85% of budget. Billings and usage from the City of Flint *are* included as they were assumed in the FY 2019 Budget.

**Wholesale Water Collections:** The collections represent payments made by wholesale customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA's Master Bond Ordinance.

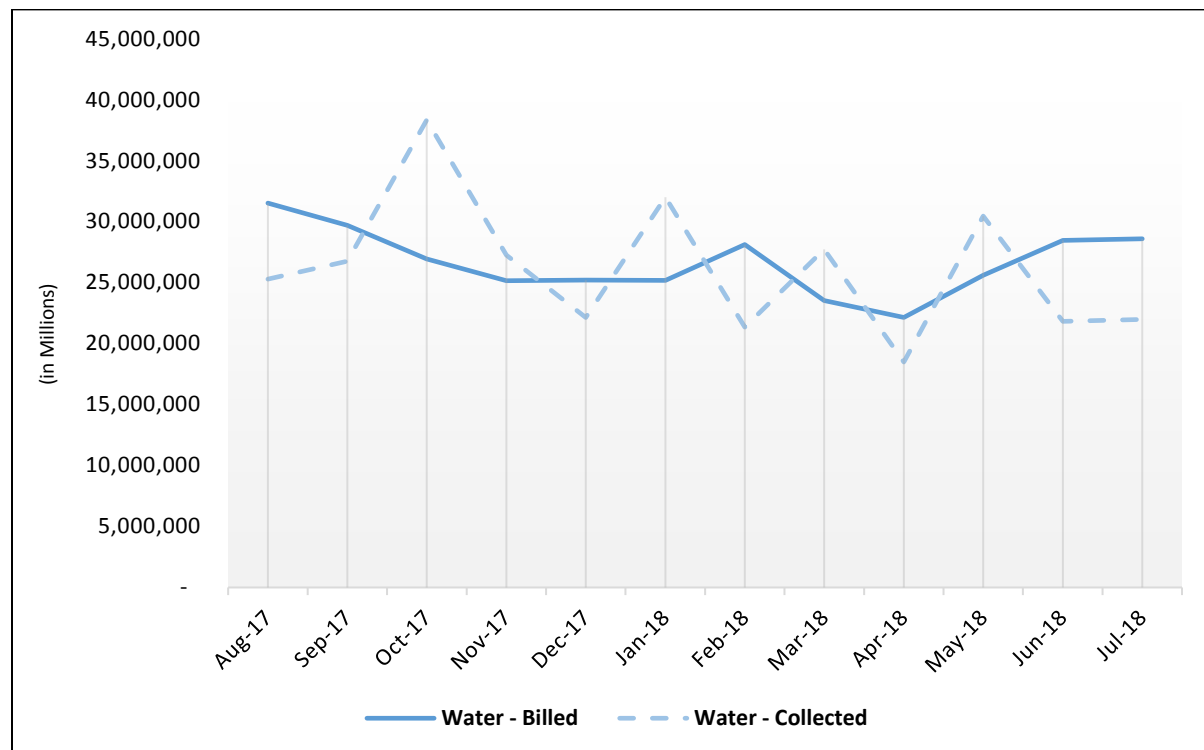
**Chart 1 - Wholesale Water Collections** shows collections by month for the past 12 months compared to billings for the same calendar months to depict net cashflow from water charges for that time period.

**Table 1 – FY 2019 Wholesale Water Billings Report**

Month	FY 2019 - Budget			FY 2019 - Actual			Variance	
	Volume	Revenue	Unit Revenue	Volume	Revenue	Unit Revenue	Volume	Revenue
	Mcf	\$	\$/Mcf	Mcf	\$	\$/Mcf	Mcf	\$
July	1,632,120	30,347,500	18.59	1,800,256	32,122,653	17.84	168,136	1,775,153
August	1,518,130	29,405,800	19.37					
September	1,354,440	27,424,800	20.25					
October	1,091,580	24,826,000	22.74					
November	912,260	23,273,500	25.51					
December	1,002,110	23,912,600	23.86					
January	1,019,240	24,133,400	23.68					
February	885,170	23,021,600	26.01					
March	1,000,060	23,933,100	23.93					
April	952,450	23,568,200	24.74					
May	1,116,620	25,296,500	22.65					
June	1,557,060	29,624,900	19.03					
<b>Total</b>	<b>14,041,240</b>	<b>308,767,900</b>	<b>21.99</b>	<b>1,800,256</b>	<b>32,122,653</b>	<b>17.84</b>	<b>168,136</b>	<b>1,775,153</b>
<b>Subtotals ytd</b>	<b>1,632,120</b>	<b>30,347,500</b>	<b>18.59</b>	<b>1,800,256</b>	<b>32,122,653</b>	<b>17.84</b>	<b>168,136</b>	<b>1,775,153</b>
Achievement of Budget				110.30%	105.85%			

\* Includes Revenues and Usage from the City of Flint.

**Chart 1 - Wholesale Water Collections**



## GLWA Wholesale Sewer Billings and Collections

**Wholesale Sewer Contracts:** GLWA provides wholesale sewer service to 18 member-partners via multiple service arrangements.

Service Arrangement Type\*\*

Model Contract	11
Emergency	0
Older Contracts	7
Total	<u>18</u>

**\*\* Note:** Services are provided to the Detroit Water & Sewerage Department via a Water and Sewer Services Agreement (WSSA). See the “Retail Revenues, Receivables, and Collections Report” section of the monthly report.

**Wholesale Sewer Billing Basis:** Beginning in FY 2015, the “sewer rate simplification” initiative was applied which provides for a stable revenue stream and predictability for our member partners. Wholesale sewer customers are billed a fixed monthly fee based upon the annual revenue requirement.

**Table 2 - Wholesale Sewer Billings** shows the FY 2019 sewer billed revenue. Consistent with expectations as a result of sewer rate simplification, billed revenue is at 100.00% of budget through July 31, 2018.

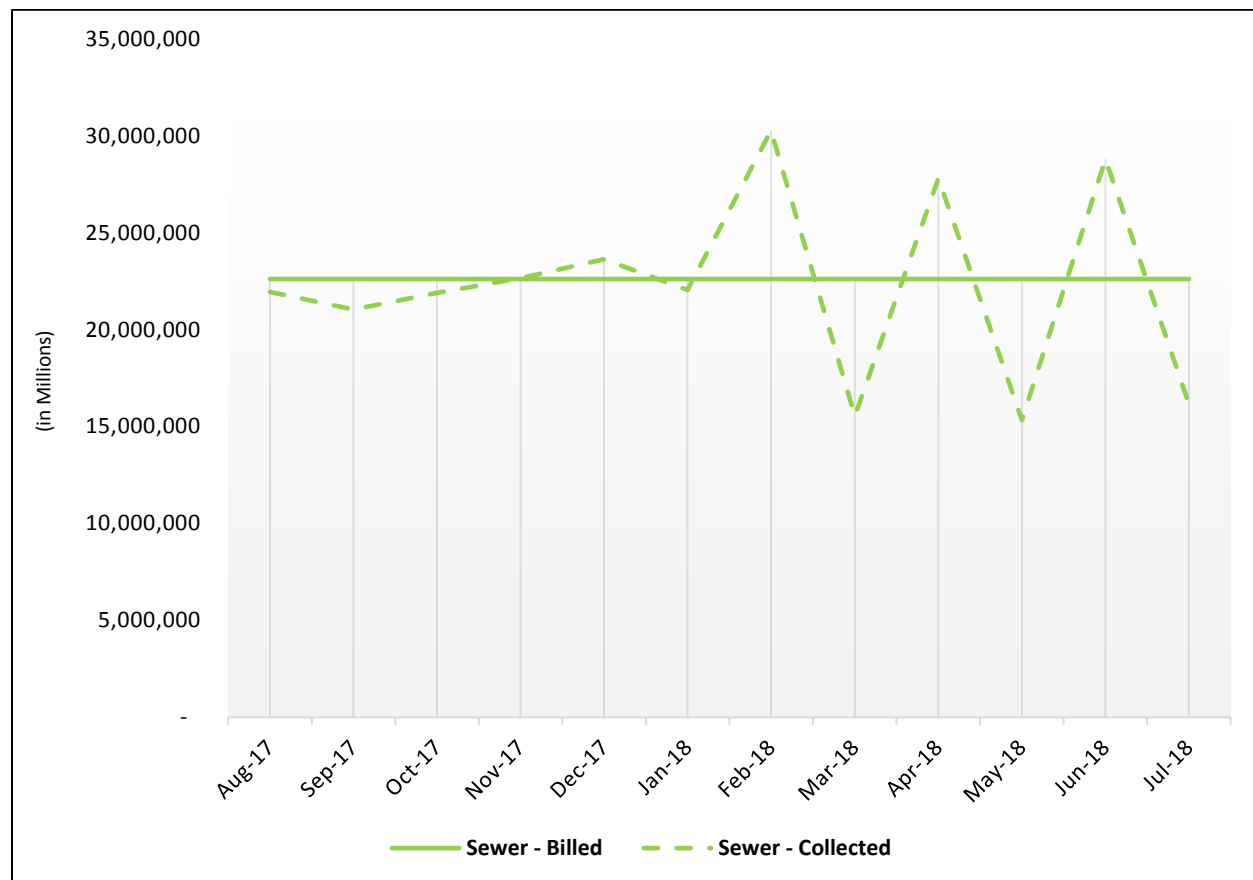
**Wholesale Sewer Collections:** The collections represent payments made by wholesale customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA’s Master Bond Ordinance.

**Chart 2 - Wholesale Sewer Collections** shows collections by month for the past 12 months compared to billings for the same calendar months to depict net cashflow from wholesale sewer charges for that time period.

**Table 2 – FY 2019 Wholesale Sewer Billings Report**

Month	FY 2019 - Budget		FY 2019 - Actual		Variance	
	Volume	Revenue	Volume	Revenue	Volume	Revenue
	Mcf	\$	Mcf	\$	Mcf	\$
July	N/A	22,912,800	N/A	22,912,800	N/A	-
August	N/A	22,912,800	N/A		N/A	
September	N/A	22,912,800	N/A		N/A	
October	N/A	22,912,800	N/A		N/A	
November	N/A	22,912,800	N/A		N/A	
December	N/A	22,912,800	N/A		N/A	
January	N/A	22,912,800	N/A		N/A	
February	N/A	22,912,800	N/A		N/A	
March	N/A	22,912,800	N/A		N/A	
April	N/A	22,912,800	N/A		N/A	
May	N/A	22,912,800	N/A		N/A	
June	N/A	22,912,800	N/A		N/A	
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<b>Total</b>		274,953,600		22,912,800		0
<i>Subtotals ytd</i>		22,912,800		22,912,800		0
<i>Achievement of Budget</i>				100.00%		

**Chart 2 - Wholesale Sewer Collections**



## City of Highland Park Billings and Collections

The City of Highland Park is provided water service pursuant to an emergency service basis. Sewer service is provided pursuant to a 1982 amended contract which indicates that the parties are guided in their legal relationship by a Michigan Supreme Court decision from 1949.

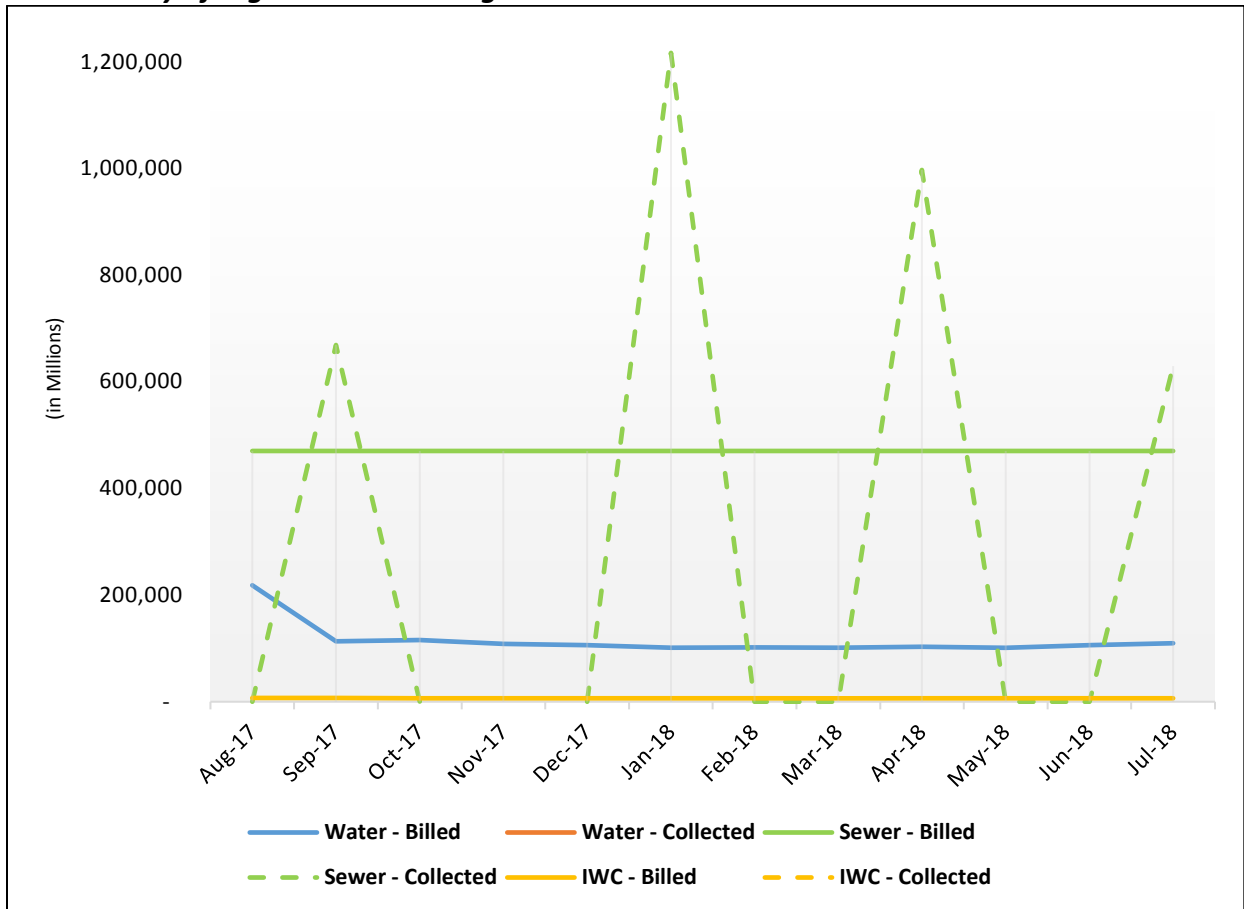
As of July 31, 2018, Highland Park had a delinquent balance of \$38.8 million, including \$30.9 million for wastewater treatment services, \$1.6 million for industrial waste control services, and \$6.2 million for water supply services.

**Table 3 - City of Highland Park Billings and Collections Since 2012** provides a life-to-date summary of the billing and collection history for Highland Park from June 30, 2012 to July 31, 2018. Please note the numbers below reflect the month the billing was sent and not the month the service was provided.

**Chart 3 - City of Highland Park Billings and Collections – Past Twelve Months** is provided to depict Highland Park's most current performance. Payments received-to-date are applied to Sewer at this time.

**Table 3 - City of Highland Park Billings and Collections Since 2012**

	Water	Sewer	IWC	Cumulative Total
June 30, 2012 Balance	\$ -	\$ 10,207,956	\$ 852,987	\$ 11,060,943
FY 2013 Billings	485,887	4,987,635	154,444	5,627,966
FY 2013 Payments	(65,652)	(2,206,211)	-	(2,271,863)
June 30, 2013 Balance	\$ 420,235	\$ 12,989,380	\$ 1,007,431	\$ 14,417,046
FY 2014 Billings	1,004,357	6,980,442	161,951	8,146,750
FY 2014 Payments	-	(1,612,633)	-	(1,612,633)
June 30, 2014 Balance	\$ 1,424,592	\$ 18,357,189	\$ 1,169,382	\$ 20,951,163
FY 2015 Billings	1,008,032	5,553,123	165,739	6,726,894
FY 2015 Payments	-	(1,444,623)	-	(1,444,623)
June 30, 2015 Balance	\$ 2,432,625	\$ 22,465,689	\$ 1,335,121	\$ 26,233,435
FY 2016 Billings	1,157,178	5,612,167	106,431	6,875,776
FY 2016 Payments	-	(2,022,335)	-	(2,022,335)
June 30, 2016 Balance	\$ 3,589,803	\$ 26,055,521	\$ 1,441,551	\$ 31,086,875
FY 2017 Billings	1,245,267	5,802,000	101,999	7,149,265
FY 2017 Payments	-	(2,309,186)	-	(2,309,186)
June 30, 2017 Balance	\$ 4,835,070	\$ 29,548,335	\$ 1,543,550	\$ 35,926,954
FY 2018 Billings (12 Months)	1,277,179	5,657,101	80,472	7,014,752
FY 2018 Payments (12 Months)	-	(4,108,108)	-	(4,108,108)
June 30, 2018 Balance	\$ 6,112,248	\$ 31,097,327	\$ 1,624,022	\$ 38,833,597
FY 2019 Billings (1 Month)	109,568	470,200	6,754	586,521
FY 2019 Payments (1 Month)	-	(629,017)	-	(629,017)
<b>Balance as of July 31, 2018</b>	<b>\$ 6,221,816</b>	<b>\$ 30,938,510</b>	<b>\$ 1,630,776</b>	<b>\$ 38,791,102</b>

**Chart 3 - City of Highland Park Billings and Collections – Past Twelve Months**


## Water & Sewer System Wholesale Accounts Receivable Aging Report

The detailed accounts receivable aging is attached to this report. This report reflects the wholesale receivables only and does not include DWSD. (Note: percentages vary from 100% due to rounding.)

**Table 4 - Wholesale Accounts Receivable Aging Report Summary** is a summary of the total, current and non-current receivables by category as of July 31, 2018.

**Table 5 - Wholesale Accounts Receivable Aging Report, Net of Highland Park** is the same summary *without* the past due balances for the City of Highland Park.

**Table 6 - Wholesale Accounts Receivable Aging Report, Net of Highland Park and WTUA** is a summary *without* the past due balances for the City of Highland Park and net of pending credits for certain Western Township Utilities Authority (WTUA). Credits for billed services are pending receipt of a final agreement from Wayne County to effectuate a transfer retroactive to July 1, 2018.

**Table 4 - Wholesale Accounts Receivable Aging Report Summary**

	Total	Current	46-74 Days	75-104 Days	>105 Days
Water	\$ 44,949,474.21	\$ 38,174,870.45	\$ 869,453.27	\$ 103,400.77	\$ 5,801,749.72
Sewer	\$ 52,573,810.28	\$ 20,052,399.50	\$ 2,523,300.00	\$ 470,200.00	\$ 29,527,910.78
IWC	\$ 3,209,733.74	\$ 826,399.25	\$ 249,574.56	\$ -	\$ 2,133,759.93
Pollutant Surcharge	\$ 1,091,583.92	\$ 683,685.38	\$ 43,016.95	\$ 93,539.85	\$ 271,341.74
<b>Total</b>	<b>\$ 101,824,602.15</b>	<b>\$ 59,737,354.58</b>	<b>\$ 3,685,344.78</b>	<b>\$ 667,140.62</b>	<b>\$ 37,734,762.17</b>
	100.00%	58.67%	3.62%	0.66%	37.06%

**Table 5 - Wholesale Accounts Receivable Aging Report, Net of Highland Park**

	Total	Current	46-74 Days	75-104 Days	>105 Days
Water	\$ 38,727,658.72	\$ 37,959,354.61	\$ 768,304.11	\$ -	\$ -
Sewer	\$ 21,635,299.50	\$ 19,582,199.50	\$ 2,053,100.00	\$ -	\$ -
IWC	\$ 1,578,957.69	\$ 819,645.73	\$ 236,291.88	\$ -	\$ 523,020.08
Pollutant Surcharge	\$ 1,091,583.92	\$ 683,685.38	\$ 43,016.95	\$ 93,539.85	\$ 271,341.74
<b>Total</b>	<b>\$ 63,033,499.83</b>	<b>\$ 59,044,885.22</b>	<b>\$ 3,100,712.94</b>	<b>\$ 93,539.85</b>	<b>\$ 794,361.82</b>
	100.00%	93.67%	4.92%	0.15%	1.26%

**Table 6 - Wholesale Accounts Receivable Aging Report, Net of Highland Park and WTUA**

	Total	Current	46-74 Days	75-104 Days	>105 Days
Water	\$ 38,727,658.72	\$ 37,959,354.61	\$ 768,304.11	\$ -	\$ -
Sewer	\$ 21,635,299.50	\$ 19,582,199.50	\$ 2,053,100.00	\$ -	\$ -
IWC	\$ 881,783.13	\$ 761,536.49	\$ 120,073.40	\$ -	\$ 173.24
Pollutant Surcharge	\$ 1,091,583.92	\$ 683,685.38	\$ 43,016.95	\$ 93,539.85	\$ 271,341.74
<b>Total</b>	<b>\$ 62,336,325.27</b>	<b>\$ 58,986,775.98</b>	<b>\$ 2,984,494.46</b>	<b>\$ 93,539.85</b>	<b>\$ 271,514.98</b>
	100.00%	93.58%	4.73%	0.15%	0.43%



# GLWA Aged Accounts Receivable- WATER ACCOUNTS

1/4

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ALLEN PARK	\$206,955.60	\$206,955.60	\$0.00	\$0.00	\$0.00
ASH TOWNSHIP	\$67,313.46	\$67,313.46	\$0.00	\$0.00	\$0.00
BELLEVILLE	\$26,970.46	\$26,970.46	\$0.00	\$0.00	\$0.00
BERLIN TOWNSHIP	\$61,282.61	\$61,282.61	\$0.00	\$0.00	\$0.00
BROWNSTOWN TOWNSHIP	\$316,734.57	\$316,734.57	\$0.00	\$0.00	\$0.00
BRUCE TOWNSHIP	\$32,600.38	\$32,600.38	\$0.00	\$0.00	\$0.00
BURTCHVILLE TOWNSHIP	\$30,643.89	\$30,643.89	\$0.00	\$0.00	\$0.00
CANTON TOWNSHIP	\$2,218,158.34	\$2,218,158.34	\$0.00	\$0.00	\$0.00
CENTER LINE	\$39,285.49	\$39,285.49	\$0.00	\$0.00	\$0.00
CHESTERFIELD TOWNSHIP	\$378,563.28	\$378,563.28	\$0.00	\$0.00	\$0.00
CLINTON TOWNSHIP	\$1,401,058.41	\$1,401,058.41	\$0.00	\$0.00	\$0.00
COMMERCE TOWNSHIP	\$500,229.71	\$500,229.71	\$0.00	\$0.00	\$0.00
DEARBORN	\$2,264,576.33	\$1,523,747.75	\$740,828.58	\$0.00	\$0.00
DEARBORN HEIGHTS	\$323,713.71	\$323,713.71	\$0.00	\$0.00	\$0.00
EASTPOINTE	\$270,720.94	\$270,720.94	\$0.00	\$0.00	\$0.00
ECORSE	\$123,543.36	\$123,543.36	\$0.00	\$0.00	\$0.00
FARMINGTON	\$87,021.77	\$87,021.77	\$0.00	\$0.00	\$0.00
FARMINGTON HILLS	\$843,536.82	\$843,536.82	\$0.00	\$0.00	\$0.00
FERNDAL	\$85,162.24	\$85,162.24	\$0.00	\$0.00	\$0.00
FLAT ROCK	\$104,402.44	\$104,402.44	\$0.00	\$0.00	\$0.00
FLINT	\$255,669.46	\$255,669.46	\$0.00	\$0.00	\$0.00
FRASER	\$117,472.35	\$117,472.35	\$0.00	\$0.00	\$0.00
GARDEN CITY	\$141,529.96	\$141,529.96	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- WATER ACCOUNTS

2 / 4

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
GENESEE COUNTY DRAIN COMM	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GIBRALTAR	\$40,875.40	\$40,875.40	\$0.00	\$0.00	\$0.00
GREENWOOD TOWNSHIP	\$46,175.46	\$46,175.46	\$0.00	\$0.00	\$0.00
GROSSE ILE TOWNSHIP	\$109,173.91	\$109,173.91	\$0.00	\$0.00	\$0.00
GROSSE POINTE PARK	\$118,214.88	\$118,214.88	\$0.00	\$0.00	\$0.00
GROSSE POINTE SHORES	\$68,008.82	\$68,008.82	\$0.00	\$0.00	\$0.00
GROSSE POINTE WOODS	\$139,357.85	\$139,357.85	\$0.00	\$0.00	\$0.00
HAMTRAMCK	\$58,638.18	\$58,638.18	\$0.00	\$0.00	\$0.00
HARPER WOODS	\$73,763.16	\$73,763.16	\$0.00	\$0.00	\$0.00
HARRISON TWP	\$135,149.08	\$135,149.08	\$0.00	\$0.00	\$0.00
HAZEL PARK	\$59,038.02	\$59,038.02	\$0.00	\$0.00	\$0.00
HIGHLAND PARK	\$6,221,815.49	\$215,515.84	\$101,149.16	\$103,400.77	\$5,801,749.72
HURON TOWNSHIP	\$121,588.46	\$121,588.46	\$0.00	\$0.00	\$0.00
IMLAY CITY	\$107,747.48	\$107,747.48	\$0.00	\$0.00	\$0.00
IMLAY TOWNSHIP	\$2,062.10	\$2,062.10	\$0.00	\$0.00	\$0.00
INKSTER	\$303,747.93	\$303,747.93	\$0.00	\$0.00	\$0.00
KEEGO HARBOR	\$26,460.38	\$26,460.38	\$0.00	\$0.00	\$0.00
LAPEER	\$234,665.78	\$234,665.78	\$0.00	\$0.00	\$0.00
LENOX TOWNSHIP	\$24,907.21	\$24,907.21	\$0.00	\$0.00	\$0.00
LINCOLN PARK	\$191,388.93	\$191,388.93	\$0.00	\$0.00	\$0.00
LIVONIA	\$1,312,585.76	\$1,312,585.76	\$0.00	\$0.00	\$0.00
MACOMB TWP	\$1,148,839.40	\$1,148,839.40	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- WATER ACCOUNTS

3/4

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
MADISON HEIGHTS	\$165,540.05	\$165,540.05	\$0.00	\$0.00	\$0.00
MAYFIELD TOWNSHIP	\$8,631.74	\$8,631.74	\$0.00	\$0.00	\$0.00
MELVINDALE	\$53,523.72	\$53,523.72	\$0.00	\$0.00	\$0.00
NEW HAVEN	\$47,542.51	\$47,542.51	\$0.00	\$0.00	\$0.00
NOCWA	\$4,090,114.67	\$4,090,114.67	\$0.00	\$0.00	\$0.00
NORTHVILLE	\$67,845.43	\$67,845.43	\$0.00	\$0.00	\$0.00
NORTHVILLE TOWNSHIP	\$637,355.93	\$637,355.93	\$0.00	\$0.00	\$0.00
NOVI	\$911,234.32	\$911,234.32	\$0.00	\$0.00	\$0.00
OAK PARK	\$111,197.96	\$111,197.96	\$0.00	\$0.00	\$0.00
OAKLAND CO DR COM	\$8,837.01	\$8,837.01	\$0.00	\$0.00	\$0.00
PLYMOUTH	\$96,974.79	\$96,974.79	\$0.00	\$0.00	\$0.00
PLYMOUTH TOWNSHIP	\$404,395.09	\$404,395.09	\$0.00	\$0.00	\$0.00
REDFORD TOWNSHIP	\$291,064.60	\$291,064.60	\$0.00	\$0.00	\$0.00
RIVER ROUGE	\$54,611.81	\$54,611.81	\$0.00	\$0.00	\$0.00
RIVERVIEW	\$82,645.67	\$82,645.67	\$0.00	\$0.00	\$0.00
ROCKWOOD	\$26,101.03	\$26,101.03	\$0.00	\$0.00	\$0.00
ROMEO	\$24,155.95	\$24,155.95	\$0.00	\$0.00	\$0.00
ROMULUS	\$335,216.23	\$335,216.23	\$0.00	\$0.00	\$0.00
ROSEVILLE	\$226,125.37	\$226,125.37	\$0.00	\$0.00	\$0.00
ROYAL OAK TOWNSHIP	\$18,659.32	\$18,659.32	\$0.00	\$0.00	\$0.00
SHELBY TOWNSHIP	\$1,375,148.19	\$1,375,148.19	\$0.00	\$0.00	\$0.00
SOCWA	\$4,047,214.99	\$4,047,214.99	\$0.00	\$0.00	\$0.00
SOUTH ROCKWOOD	\$8,488.78	\$8,488.78	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- WATER ACCOUNTS

4/4

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
SOUTHGATE	\$183,393.57	\$183,393.57	\$0.00	\$0.00	\$0.00
ST. CLAIR SHORES	\$257,921.96	\$257,921.96	\$0.00	\$0.00	\$0.00
STERLING HEIGHTS	\$2,781,851.44	\$2,781,851.44	\$0.00	\$0.00	\$0.00
SUMPTER TOWNSHIP	\$56,479.41	\$56,479.41	\$0.00	\$0.00	\$0.00
SYLVAN LAKE	\$20,297.68	\$20,297.68	\$0.00	\$0.00	\$0.00
TAYLOR	\$426,256.70	\$426,256.70	\$0.00	\$0.00	\$0.00
TRENTON	\$180,801.34	\$180,801.34	\$0.00	\$0.00	\$0.00
TROY (SEOC)	\$1,270,919.27	\$1,270,919.27	\$0.00	\$0.00	\$0.00
UTICA	\$58,190.03	\$58,190.03	\$0.00	\$0.00	\$0.00
VAN BUREN TOWNSHIP	\$534,251.36	\$506,775.83	\$27,475.53	\$0.00	\$0.00
VILLAGE OF ALMONT	\$19,314.03	\$19,314.03	\$0.00	\$0.00	\$0.00
WALLED LAKE	\$82,472.95	\$82,472.95	\$0.00	\$0.00	\$0.00
WARREN	\$874,665.87	\$874,665.87	\$0.00	\$0.00	\$0.00
WASHINGTON TOWNSHIP	\$227,906.76	\$227,906.76	\$0.00	\$0.00	\$0.00
WAYNE	\$234,978.55	\$234,978.55	\$0.00	\$0.00	\$0.00
WEST BLOOMFIELD TWP (C-O)	\$1,718,567.11	\$1,718,567.11	\$0.00	\$0.00	\$0.00
WESTLAND	\$1,084,938.69	\$1,084,938.69	\$0.00	\$0.00	\$0.00
WIXOM	\$244,787.48	\$244,787.48	\$0.00	\$0.00	\$0.00
WOODHAVEN	\$181,417.45	\$181,417.45	\$0.00	\$0.00	\$0.00
YCUA	\$976,088.14	\$976,088.14	\$0.00	\$0.00	\$0.00
<b>TOTAL WATER ACCOUNTS</b>	<b>\$44,949,474.21</b>	<b>\$38,174,870.45</b>	<b>\$869,453.27</b>	<b>\$103,400.77</b>	<b>\$5,801,749.72</b>

# GLWA Aged Accounts Receivable- SEWER ACCOUNTS

1/1

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ALLEN PARK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CENTER LINE	\$82,199.50	\$82,199.50	\$0.00	\$0.00	\$0.00
DEARBORN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
EVERGREEN-FARMINGTON	\$2,811,100.00	\$2,811,100.00	\$0.00	\$0.00	\$0.00
FARMINGTON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE FARMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE PARK	\$145,000.00	\$145,000.00	\$0.00	\$0.00	\$0.00
HAMTRAMCK	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HARPER WOODS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HIGHLAND PARK	\$30,938,510.78	\$470,200.00	\$470,200.00	\$470,200.00	\$29,527,910.78
MELVINDALE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
OAKLAND COUNTY GWK DD	\$3,812,600.00	\$3,812,600.00	\$0.00	\$0.00	\$0.00
OMID	\$6,068,000.00	\$6,068,000.00	\$0.00	\$0.00	\$0.00
REDFORD TOWNSHIP	\$21,200.00	\$21,200.00	\$0.00	\$0.00	\$0.00
ROUGE VALLEY	\$4,585,200.00	\$4,585,200.00	\$0.00	\$0.00	\$0.00
WAYNE COUNTY N.E.	\$4,106,200.00	\$2,053,100.00	\$2,053,100.00	\$0.00	\$0.00
WAYNE COUNTY-AREA #3	\$3,800.00	\$3,800.00	\$0.00	\$0.00	\$0.00
<b>TOTAL SEWER ACCOUNTS</b>	<b>\$52,573,810.28</b>	<b>\$20,052,399.50</b>	<b>\$2,523,300.00</b>	<b>\$470,200.00</b>	<b>\$29,527,910.78</b>

# GLWA Aged Accounts Receivable- IWC ACCOUNTS

1/4

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ALLEN PARK	\$2,575.88	\$2,575.88	\$0.00	\$0.00	\$0.00
AUBURN HILLS (C-O)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
AUBURN HILLS (E-F)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BERKLEY	\$4,632.04	\$4,632.04	\$0.00	\$0.00	\$0.00
BEVERLY HILLS	\$1,596.08	\$1,596.08	\$0.00	\$0.00	\$0.00
BINGHAM FARMS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BIRMINGHAM (E-F)	\$3,797.08	\$3,797.08	\$0.00	\$0.00	\$0.00
BIRMINGHAM (SEOC)	\$26,744.28	\$8,914.76	\$17,792.60	\$0.00	\$36.92
BLOOMFIELD HILLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BLOOMFIELD TOWNSHIP	\$11,584.36	\$11,584.36	\$0.00	\$0.00	\$0.00
CANTON TOWNSHIP	\$365,405.76	\$30,461.84	\$60,923.68	\$0.00	\$274,020.24
CENTER LINE	\$5,884.48	\$5,884.48	\$0.00	\$0.00	\$0.00
CHESTERFIELD TOWNSHIP	\$19,408.56	\$19,408.56	\$0.00	\$0.00	\$0.00
CITY OF FARMINGTON (E-F)	\$445.88	\$445.88	\$0.00	\$0.00	\$0.00
CITY OF ROCHESTER	\$5,949.80	\$5,949.80	\$0.00	\$0.00	\$0.00
CLARKSTON	\$491.32	\$491.32	\$0.00	\$0.00	\$0.00
CLAWSON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CLINTON TOWNSHIP	\$40,603.48	\$40,603.48	\$0.00	\$0.00	\$0.00
DEARBORN	\$117,263.60	\$58,631.80	\$58,631.80	\$0.00	\$0.00
DEARBORN HEIGHTS	\$15,267.84	\$15,267.84	\$0.00	\$0.00	\$0.00
DETROIT METRO WC AIRPORT	\$170.40	\$170.40	\$0.00	\$0.00	\$0.00
EASTPOINTE	\$10,153.00	\$10,153.00	\$0.00	\$0.00	\$0.00
FARMINGTON	\$5,289.93	\$5,289.93	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- IWC ACCOUNTS

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Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
FARMINGTON HILLS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FERNDAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FRASER	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GARDEN CITY	\$9,780.96	\$9,780.96	\$0.00	\$0.00	\$0.00
GROSSE POINTE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE FARMS	\$3,337.00	\$3,337.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE PARK	\$1,888.60	\$1,888.60	\$0.00	\$0.00	\$0.00
GROSSE POINTE SHORES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GROSSE POINTE WOODS	\$3,993.04	\$4,200.36	\$ (207.32)	\$0.00	\$0.00
HAMTRAMCK	\$6,668.32	\$6,668.32	\$0.00	\$0.00	\$0.00
HARPER WOODS	\$3,024.60	\$3,024.60	\$0.00	\$0.00	\$0.00
HARRISON TWP	\$10,025.20	\$5,012.60	\$5,012.60	\$0.00	\$0.00
HAZEL PARK	\$5,415.88	\$5,415.88	\$0.00	\$0.00	\$0.00
HIGHLAND PARK	\$1,630,776.05	\$6,753.52	\$13,282.68	\$0.00	\$1,610,739.85
HUNTINGTON WOODS	\$914.48	\$457.24	\$457.24	\$0.00	\$0.00
INDEPENDENCE	\$7,645.28	\$7,645.28	\$0.00	\$0.00	\$0.00
INKSTER	\$8,883.52	\$8,883.52	\$0.00	\$0.00	\$0.00
KEEGO HARBOR	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LAKE ORION	\$1,283.68	\$1,283.68	\$0.00	\$0.00	\$0.00
LATHRUP	\$2,246.44	\$2,246.44	\$0.00	\$0.00	\$0.00
LENOX TOWNSHIP	\$2,059.00	\$781.00	\$1,278.00	\$0.00	\$0.00
LIVONIA	\$63,846.04	\$63,846.04	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- IWC ACCOUNTS

3/4

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
MACOMB TWP	\$329.44	\$329.44	\$0.00	\$0.00	\$0.00
MADISON HEIGHTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MELVINDALE	\$5,799.28	\$5,799.28	\$0.00	\$0.00	\$0.00
NEW HAVEN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NORTHVILLE	\$4,163.44	\$3,851.04	\$176.08	\$0.00	\$136.32
NORTHVILLE TOWNSHIP	\$87,687.84	\$7,307.32	\$14,614.64	\$0.00	\$65,765.88
NOVI	\$27,601.96	\$27,601.96	\$0.00	\$0.00	\$0.00
OAK PARK	\$11,078.84	\$11,078.84	\$0.00	\$0.00	\$0.00
OAKLAND TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ORCHARD LAKE VILLAGE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ORION TOWNSHIP (C-O)	\$8,755.72	\$8,755.72	\$0.00	\$0.00	\$0.00
OXFORD TOWNSHIP	\$1,536.44	\$1,536.44	\$0.00	\$0.00	\$0.00
OXFORD VILLAGE	\$2,010.72	\$2,010.72	\$0.00	\$0.00	\$0.00
PLEASANT RIDGE	\$437.36	\$437.36	\$0.00	\$0.00	\$0.00
PLYMOUTH	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PLYMOUTH TOWNSHIP	\$244,080.96	\$20,340.08	\$40,680.16	\$0.00	\$183,060.72
REDFORD TOWNSHIP	\$19,917.96	\$19,874.32	\$43.64	\$0.00	\$0.00
ROCHESTER HILLS	\$29,226.44	\$29,226.44	\$0.00	\$0.00	\$0.00
ROMULUS	\$1,479.64	\$1,479.64	\$0.00	\$0.00	\$0.00
ROSEVILLE	\$22,660.36	\$22,660.36	\$0.00	\$0.00	\$0.00
ROYAL OAK	\$21,694.76	\$21,694.76	\$0.00	\$0.00	\$0.00
ROYAL OAK TOWNSHIP	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SHELBY TOWNSHIP	\$19,096.16	\$19,096.16	\$0.00	\$0.00	\$0.00



# GLWA Aged Accounts Receivable- IWC ACCOUNTS

4 / 4

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
SOUTHFIELD (E-F)	\$45,008.32	\$45,008.32	\$0.00	\$0.00	\$0.00
SOUTHFIELD (SEOC)	\$6,046.36	\$6,046.36	\$0.00	\$0.00	\$0.00
ST. CLAIR SHORES	\$19,402.88	\$19,402.88	\$0.00	\$0.00	\$0.00
STERLING HEIGHTS	\$49,816.44	\$49,816.44	\$0.00	\$0.00	\$0.00
TROY (E-F)	\$613.44	\$613.44	\$0.00	\$0.00	\$0.00
TROY (SEOC)	\$58,881.72	\$58,881.72	\$0.00	\$0.00	\$0.00
UTICA	\$4,694.52	\$4,694.52	\$0.00	\$0.00	\$0.00
VAN BUREN TOWNSHIP	\$3,266.00	\$3,266.00	\$0.00	\$0.00	\$0.00
VILLAGE OF FRANKLIN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WASHINGTON TOWNSHIP	\$2,206.68	\$2,206.68	\$0.00	\$0.00	\$0.00
WATERFORD TOWNSHIP	\$19,791.96	\$19,791.96	\$0.00	\$0.00	\$0.00
WAYNE	\$8,017.32	\$8,017.32	\$0.00	\$0.00	\$0.00
WEST BLOOMFIELD TWP (C-O)	\$1,508.04	\$1,508.04	\$0.00	\$0.00	\$0.00
WEST BLOOMFIELD TWP (E-F)	\$10,062.12	\$10,062.12	\$0.00	\$0.00	\$0.00
WESTLAND	\$73,808.76	\$36,920.00	\$36,888.76	\$0.00	\$0.00
<b>TOTAL IWC ACCOUNTS</b>	<b>\$3,209,733.74</b>	<b>\$826,399.25</b>	<b>\$249,574.56</b>	<b>\$0.00</b>	<b>\$2,133,759.93</b>

# GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

1/8

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
A & R PACKING CO., LLC	\$4,424.14	\$4,424.14	\$0.00	\$0.00	\$0.00
AACTRON	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ACADEMY PACKING CO.	\$304.57	\$304.57	\$0.00	\$0.00	\$0.00
ACME RUSTPROOF	\$89.40	\$44.70	\$44.70	\$0.00	\$0.00
ADVANCED RESOURCE RECOVERY	\$1,275.05	\$1,275.05	\$0.00	\$0.00	\$0.00
AEVITAS SPECIALITY SERVICES	\$21,132.25	\$12,226.18	\$2,878.81	\$0.00	\$6,027.26
ALEXANDER & HORNING	\$6,148.12	\$6,148.12	\$0.00	\$0.00	\$0.00
ALEXANDER & HORNING	\$23,862.47	\$23,862.47	\$0.00	\$0.00	\$0.00
ALEXANDER & HORNING	\$1,494.26	\$1,494.26	\$0.00	\$0.00	\$0.00
ALGAL SCIENTIFIC CORPORATION	\$15,140.11	\$3,113.23	\$1,266.73	\$1,269.88	\$9,490.27
ALL CHEM CORP, LLC.	\$ (128.05)	\$0.00	\$0.00	\$ (128.05)	\$0.00
ALPHA STAMPING COMPANY	\$400.37	\$400.37	\$0.00	\$0.00	\$0.00
AMERICAN WASTE TECH INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ATWATER BREWERY	\$72.56	\$72.56	\$0.00	\$0.00	\$0.00
ATWATER BREWERY	\$1,122.75	\$1,122.75	\$0.00	\$0.00	\$0.00
AUTOMOTIVE FINISH	\$4.72	\$4.72	\$0.00	\$0.00	\$0.00
AXLE BREWING COMPANY, LLC	\$190.63	\$190.63	\$0.00	\$0.00	\$0.00
BAFFIN BREWING COMPANY	\$528.31	\$0.00	\$0.00	\$223.08	\$305.23
BARON INDUSTRIES	\$721.10	\$721.10	\$0.00	\$0.00	\$0.00
BARTZ BAKERY	\$84.56	\$84.56	\$0.00	\$0.00	\$0.00
BASTONE BREWERY	\$43.88	\$43.88	\$0.00	\$0.00	\$0.00
BATCH BREWING COMPANY	\$ (502.36)	\$0.00	\$0.00	\$0.00	\$ (502.36)
BAYS MICHIGAN CORPORATION	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

2/8

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
BEIRUT BAKERY, INC.	\$65.41	\$0.00	\$65.41	\$0.00	\$0.00
BETTER MADE SNACK FOOD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
BLACK LOTUS BREWING CO.	\$102.13	\$72.91	\$0.00	\$29.22	\$0.00
BOZEK'S MARKET	\$62.06	\$62.06	\$0.00	\$0.00	\$0.00
BREW DETROIT	\$2,542.96	\$2,542.96	\$0.00	\$0.00	\$0.00
BROADWAY MKT CORNED BEEF	\$ (137.94)	\$0.00	\$0.00	\$0.00	\$ (137.94)
BROOKS BREWING, LLC.	\$87.23	\$87.23	\$0.00	\$0.00	\$0.00
CANTON BREW WORKS	\$70.31	\$70.31	\$0.00	\$0.00	\$0.00
CAPITAL REPRODUCTIONS	\$3.54	\$2.04	\$0.00	\$1.50	\$0.00
CF BURGER CREAMERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CHILANGO'S BAKERY	\$1,978.74	\$27.12	\$22.34	\$22.34	\$1,906.94
CINTAS CORP. - MACOMB TWP.	\$115,762.63	\$58,446.30	\$0.00	\$57,316.33	\$0.00
CINTAS CORPORATION	\$31,658.87	\$31,658.87	\$0.00	\$0.00	\$0.00
CINTAS CORPORATION	\$8,552.24	\$8,552.24	\$0.00	\$0.00	\$0.00
CITY LAUNDRY, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CLASSIC CONTAINER CORP.	\$352.74	\$352.74	\$0.00	\$0.00	\$0.00
COCA-COLA REFRESHMENTS USA,	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$5,527.19	\$5,527.19	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$506.89	\$506.89	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$1,755.12	\$1,755.12	\$0.00	\$0.00	\$0.00
COSTCO WHOLESALE STORE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
COUNTRY FRESH DAIRY CO.	\$19,258.31	\$19,258.31	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

3/8

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
CROSS CHEMICAL COMPANY, INC.	\$913.53	\$913.53	\$0.00	\$0.00	\$0.00
DARLING INGREDIENTS, INC.	\$6,131.44	\$6,131.44	\$0.00	\$0.00	\$0.00
DAVE'S SAUSAGE FACTORY 2	\$451.79	\$451.79	\$0.00	\$0.00	\$0.00
DEARBORN BREWING	\$56.14	\$56.14	\$0.00	\$0.00	\$0.00
DEARBORN SAUSAGE	\$7,939.19	\$7,939.19	\$0.00	\$0.00	\$0.00
DEARBORN SAUSAGE CO., INC.	\$9,772.98	\$9,772.98	\$0.00	\$0.00	\$0.00
DETROIT BEER	\$123.65	\$123.65	\$0.00	\$0.00	\$0.00
DETROIT LINEN SERVICE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DETROIT METRO WC AIRPORT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DETROIT SAUSAGES CO INC	\$98.70	\$16.92	\$16.92	\$19.74	\$45.12
DETRONIC INDUSTRIES, INC.	\$86.48	\$86.48	\$0.00	\$0.00	\$0.00
DIFCO LABORATORIES, INC.	\$10,026.60	\$10,026.60	\$0.00	\$0.00	\$0.00
DIVERSIFIED CHEM TECH. INC.	\$84.45	\$84.45	\$0.00	\$0.00	\$0.00
DOMESTIC UNIFORM RENTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
DOMESTIC UNIFORM RENTAL	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
E.W. GROBBEL'S SONS, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
ENVIROSOLIDS, L.L.C.	\$161,320.77	\$161,320.77	\$0.00	\$0.00	\$0.00
EQ DETROIT, INC.	\$3,650.16	\$3,650.16	\$0.00	\$0.00	\$0.00
EQ DETROIT, INC.	\$12,217.08	\$12,217.08	\$0.00	\$0.00	\$0.00
EQ DETROIT, INC.	\$ (1,239.07)	\$0.00	\$0.00	\$ (1,239.07)	\$0.00
EQ DETROIT, INC.	\$ (4,596.56)	\$0.00	\$0.00	\$ (4,596.56)	\$0.00
EQ RESOURCES RECOVERY, INC.	\$2,050.05	\$2,050.05	\$0.00	\$0.00	\$0.00
ETON ST BREWERY- GRIFFIN CLF	\$3,138.23	\$3,138.23	\$0.00	\$0.00	\$0.00

**GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS**

4/8

**Balances as of 7/31/2018**

<b>Customer Name</b>	<b>Total Due</b>	<b>Current</b>	<b>46 - 74 Days</b>	<b>75 - 104 Days</b>	<b>&gt;105 Days</b>
EXTRUDE HONE CORPORATION	\$434.42	\$297.50	\$136.92	\$0.00	\$0.00
EXTRUDEHODE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
FARMINGTON BREWING COMPANY	\$44.36	\$44.36	\$0.00	\$0.00	\$0.00
FAYGO BEVERAGES, INC.	\$281,317.57	\$32,235.09	\$30,509.90	\$30,190.85	\$188,381.73
FORD NEW MODEL PROGRAM	\$1,199.43	\$1,199.43	\$0.00	\$0.00	\$0.00
FRESH-PAK	\$977.24	\$977.24	\$0.00	\$0.00	\$0.00
FRESH-PAK	\$4,111.00	\$4,111.00	\$0.00	\$0.00	\$0.00
GENERAL LINEN SUPPLY CO.	\$56,791.58	\$5,900.00	\$5,959.07	\$6,370.33	\$38,562.18
GLOBAL TITANIUM, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GLOBAL TITANIUM, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
GRANITE CITY FOOD & BREWERY	\$305.68	\$165.96	\$139.72	\$0.00	\$0.00
GRANITE CITY FOOD & BREWERY	\$81.11	\$81.11	\$0.00	\$0.00	\$0.00
GRANITE CITY FOOD & BREWERY	\$478.37	\$129.33	\$137.02	\$0.00	\$212.02
GREAT BARABOO BREWING CO.	\$ (2,319.23)	\$0.00	\$0.00	\$0.00	\$ (2,319.23)
HACIENDA MEXICAN FOODS	\$5,088.79	\$694.54	\$590.50	\$629.86	\$3,173.89
HENKEL CORPORATION	\$543.19	\$151.94	\$0.00	\$125.35	\$265.90
HOME STYLE FOOD INC.	\$5,954.78	\$5,954.78	\$0.00	\$0.00	\$0.00
HOOD CLEANERS	\$210.36	\$0.00	\$0.00	\$0.00	\$210.36
HOUGHTON INTERNATIONAL INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HOUGHTON INTERNATIONAL INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HOUGHTON INTERNATIONAL INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
HUNTINGTON CLEANERS	\$633.68	\$633.68	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

5/8

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
INDUSTRIAL METAL COATING	\$1,562.16	\$1,122.37	\$439.79	\$0.00	\$0.00
ISLAMIC SLAUGHTER HOUSE	\$959.39	\$502.54	\$456.85	\$0.00	\$0.00
ITALIAN BUTTER BREAD STICKS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
J & G FOOD PRODUCTS, INC.	\$64.87	\$64.87	\$0.00	\$0.00	\$0.00
KAR NUT PRODUCTS	\$1,439.37	\$1,439.37	\$0.00	\$0.00	\$0.00
KOWALSKI SAUSAGES, CO.	\$769.63	\$769.63	\$0.00	\$0.00	\$0.00
LA MICHOACANA FLOUR TORTILLA	\$598.94	\$598.94	\$0.00	\$0.00	\$0.00
LA MICHOACANA FLOUR TORTILLA	\$120.91	\$120.91	\$0.00	\$0.00	\$0.00
LEAR CORPORATION DBA EAGLE C	\$5,286.66	\$5,286.66	\$0.00	\$0.00	\$0.00
LIBERTY STREET PROD. BREWERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
LILY'S SEAFOOD GRILL & BREWE	\$56.42	\$56.42	\$0.00	\$0.00	\$0.00
MACDERMID, INC.	\$2,312.67	\$2,312.67	\$0.00	\$0.00	\$0.00
MCNICHOLS POLISHING & ANODIZ	\$29.81	\$0.00	\$29.81	\$0.00	\$0.00
MELLO MEATS INC, - KUBISCH S	\$84.62	\$84.62	\$0.00	\$0.00	\$0.00
METROPOLITAN BAKERY	\$504.15	\$504.15	\$0.00	\$0.00	\$0.00
MIBA HYDRAMECHANICA CORP.	\$646.80	\$445.26	\$201.54	\$0.00	\$0.00
MICHIGAN DAIRY	\$92,790.43	\$92,790.43	\$0.00	\$0.00	\$0.00
MICHIGAN PROD. MACHINING	\$1,447.71	\$1,447.71	\$0.00	\$0.00	\$0.00
MICHIGAN SOY PRODUCTS CO.	\$604.56	\$604.56	\$0.00	\$0.00	\$0.00
MIDWEST WIRE PRODUCTS, INC.	\$ (2.94)	\$0.00	\$0.00	\$0.00	\$ (2.94)
MILANO BAKERY	\$782.55	\$782.55	\$0.00	\$0.00	\$0.00
MILTON CHILI CO.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
MINNIE MARIE BAKERS, INC	\$3,584.57	\$3,584.57	\$0.00	\$0.00	\$0.00

# GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

6/8

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
MISTER UNIFORM & MAT RENTALS	\$560.98	\$32.47	\$25.90	\$32.81	\$469.80
MOTOR CITY BREWING WORKS	\$663.80	\$0.00	\$0.00	\$0.00	\$663.80
NATIONAL CHILI COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NATIONAL CHILI COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NATIONAL CHILI COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NORTH CENTER BREWING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NORTHERN LAKES SEAFOOD & MEAT	\$31.40	\$31.40	\$0.00	\$0.00	\$0.00
OAKWOOD BAKERY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PELLERITO FOODS INC.	\$810.33	\$810.33	\$0.00	\$0.00	\$0.00
PEPSI COLA, INC.	\$21,191.41	\$21,191.41	\$0.00	\$0.00	\$0.00
PERSONAL UNIFORM SERVICE, INC.	\$108.74	\$108.74	\$0.00	\$0.00	\$0.00
PETRO ENVIRON TECH, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PINE TREE ACRES, INC.	\$15,872.47	\$15,872.47	\$0.00	\$0.00	\$0.00
PLATING SPEC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
POWER VAC OF MICHIGAN, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PREMIER PLATING, LLC	\$4,025.86	\$1,201.79	\$0.00	\$1,277.76	\$1,546.31
PRODUCTION SPRING, LLC.	\$268.02	\$268.02	\$0.00	\$0.00	\$0.00
QUALA SERVICES, LLC	\$157.35	\$157.35	\$0.00	\$0.00	\$0.00
RAY'S ICE CREAM CO.	\$106.92	\$106.92	\$0.00	\$0.00	\$0.00
RED SPOT PAINT #409139	\$14.91	\$14.91	\$0.00	\$0.00	\$0.00
RIVER ROUGE BREWING COMPANY	\$615.83	\$615.83	\$0.00	\$0.00	\$0.00
ROAK BREWING CO. LLC	\$2,796.70	\$823.50	\$0.00	\$678.43	\$1,294.77

# GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

7/8

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
ROCHESTER MILLS BEER COMPANY	\$271.46	\$271.46	\$0.00	\$0.00	\$0.00
ROCHESTER MILLS PROD BREWERY	\$2,546.54	\$1,348.02	\$0.00	\$1,198.52	\$0.00
RTT	\$23,143.92	\$0.00	\$0.00	\$0.00	\$23,143.92
SEAFARE FOODS, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SHERWOOD BREWING COMPANY	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
SPRAYTEK, INC.	\$4,070.02	\$46.85	\$17.24	\$23.90	\$3,982.03
SWEETHEART BAKERY, INC.	\$488.30	\$80.66	\$77.78	\$93.63	\$236.23
THE CROWN GROUP-LIVONIA PLAN	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
THE ROYAL OAK BREWERY	\$ (1,666.16)	\$0.00	\$0.00	\$0.00	\$ (1,666.16)
TOM LAUNDRY CLEANERS	\$29.29	\$29.29	\$0.00	\$0.00	\$0.00
TRAFFIC JAM & SNUG	\$ (0.48)	\$0.00	\$0.00	\$0.00	\$ (0.48)
TURRI'S ITALIAN FOODS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TURRI'S ITALIAN FOODS	\$17,437.47	\$17,437.47	\$0.00	\$0.00	\$0.00
U-METCO, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
UNCLE RAYS SNACKS, LLC	\$40,779.99	\$40,779.99	\$0.00	\$0.00	\$0.00
UNCLE RAYS SNACKS, LLC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
UNIQUE LINEN SERVICES, INC.	\$100.09	\$100.09	\$0.00	\$0.00	\$0.00
UNITED FISH DISTRIBUTORS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
UNITED LINEN SERVICE, LLC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
UNITED MEAT & DELI	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
US ECOLOGY MICHIGAN	\$ (3,946.91)	\$0.00	\$0.00	\$0.00	\$ (3,946.91)
USHER OIL SERVICES	\$4,212.80	\$4,212.80	\$0.00	\$0.00	\$0.00
VERNDALE PRODUCTS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00



# GLWA Aged Accounts Receivable- POLLUTANT SURCHARGE ACCOUNTS

8/8

Balances as of 7/31/2018

Customer Name	Total Due	Current	46 - 74 Days	75 - 104 Days	>105 Days
VERNDALE PRODUCTS, INC.	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
VERNOR FOOD PRODUCTS	\$33.75	\$33.75	\$0.00	\$0.00	\$0.00
WIGLEY'S MEAT PROCESS	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
WINTER SAUSAGE MFG. CO.	\$803.88	\$803.88	\$0.00	\$0.00	\$0.00
WINTER SAUSAGE MFG. CO.	\$132.57	\$132.57	\$0.00	\$0.00	\$0.00
WOLVERINE PACKING CO	\$6,761.49	\$6,761.49	\$0.00	\$0.00	\$0.00
WOLVERINE PACKING CO.	\$2,882.69	\$2,882.69	\$0.00	\$0.00	\$0.00
<b>TOTAL POLLUTANT SURCHARGE ACCOUNTS</b>	<b>\$1,091,583.92</b>	<b>\$683,685.38</b>	<b>\$43,016.95</b>	<b>\$93,539.85</b>	<b>\$271,341.74</b>

**Retail Revenues, Receivables, and Collections:** Pursuant to the terms of the lease agreement between the City of Detroit and the Great Lakes Water Authority (GLWA), the Detroit Water & Sewerage Department (DWSD) serves as GLWA's agent for billing activities for the City of Detroit retail customer class. All water and sewer service collections from DWSD customers are deposited in a trust account and are administered in accordance with the GLWA Master Bond Ordinance.

The Monthly Retail Revenues, Receivables, & Collections Report includes the following.

1. FY 2019 DWSD Retail Water Revenue Billings and Collections
2. FY 2019 DWSD Retail Sewer Revenue Billings and Collections
3. DWSD Retail Water & Sewer System Accounts Receivable Aging Report

Note: Wholesale customer revenues are billed by the Great Lakes Water Authority.

### **DWSD Retail Water Billings and Collections**

**Retail Billing Basis:** DWSD bills retail customers monthly. Customers are billed throughout the month in cycles based on a meter reading schedule beginning with residential accounts and ending with commercial and industrial customers.

**Table 1 - DWSD Retail Billings** shows the FY 2019 water usage and billed revenue which are provided by DWSD staff. As of July 31, 2018, the DWSD usage was at 111.75% of the budget and billed revenue was at 108.26% of budget.

**DWSD Retail Water Collections:** The collections represent payments made by DWSD retail customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA's Master Bond Ordinance.

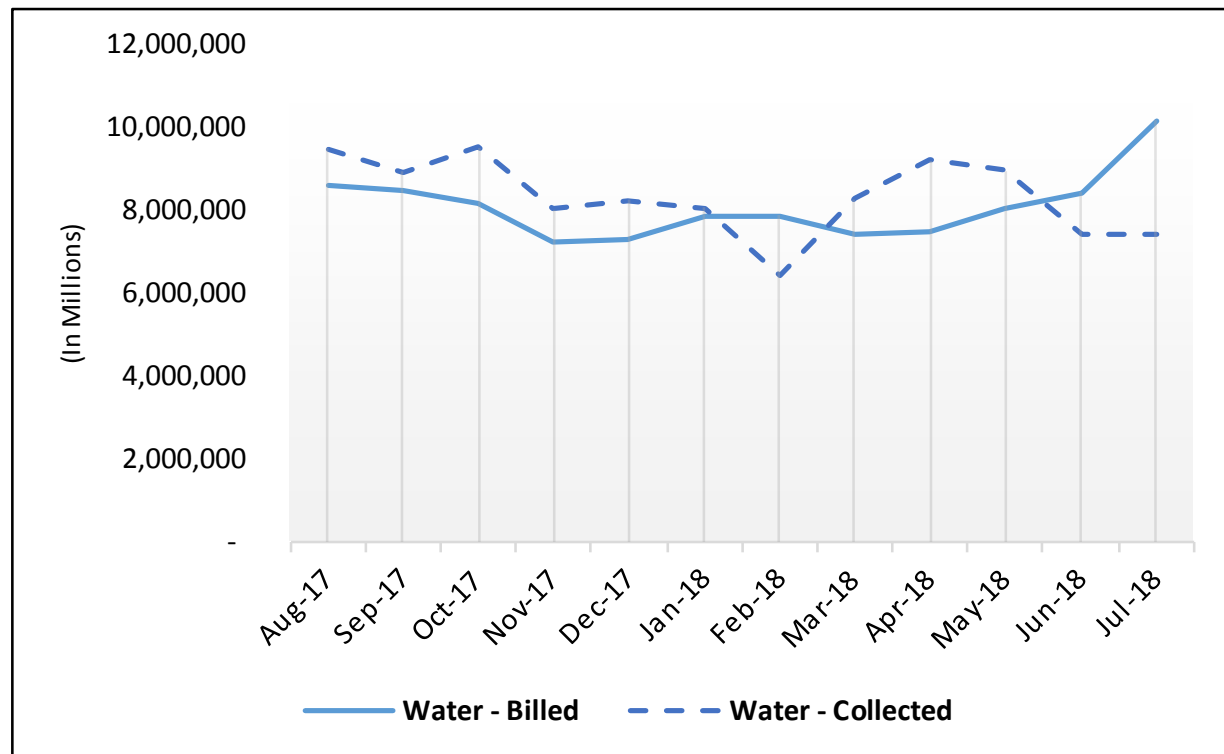
**Chart 1 - Retail Water Collections** shows collections by month for the past 12 months compared to billings for the same calendar months to depict net cashflow from water charges for that time period.

**Table 1 – DWSD Retail Water Billings**

Month	FY 2019 - Budget			FY 2019 - Actual			Variance	
	Volume	Revenue	Unit	Volume	Revenue (1)	Unit	Volume	Revenue
	Mcf	\$	\$/Mcf	Mcf	\$	\$/Mcf	Mcf	\$
July	269,000	9,424,500	35.04	300,613	10,203,409	33.94	31,613	778,909
August	273,100	9,377,700	34.34					
September	270,500	8,494,300	31.40					
October	233,800	8,165,900	34.93					
November	224,500	7,750,100	34.52					
December	206,500	8,224,900	39.83					
January	226,600	7,978,800	35.21					
February	216,400	7,980,200	36.88					
March	213,300	8,163,900	38.27					
April	223,100	7,856,900	35.22					
May	211,000	9,109,200	43.17					
June	240,200	9,063,600	37.73			-		
<b>Total</b>	<b>2,808,000</b>	<b>101,590,000</b>	<b>36.18</b>	<b>300,613</b>	<b>10,203,409</b>	<b>33.94</b>	<b>31,613</b>	<b>778,909</b>
Subtotals ytd	269,000	9,424,500	35.04	300,613	10,203,409	33.94	31,613	778,909
Achievement of Budget				111.75%	108.26%			

(1) Retail Revenues include Miscellaneous Revenues and Penalties

**Chart 1 – DWSD Retail Water Collections**



## DWSD Retail Sewer Billings and Collections

**Retail billing basis:** DWSD bills retail customers monthly. Customers are billed throughout the month in cycles based on a meter reading schedule beginning with residential accounts and ending with commercial and industrial customers.

**Table 2 - DWSD Retail Sewer Billings** shows the FY 2019 sewer billed revenue which are provided by DWSD staff. As of July 30, 2018, the DWSD usage was at 113.12% of the budget and billed revenue was at 101.56% of budget.

**DWSD Retail Sewer Collections:** The collections represent payments made by DWSD retail customers. These receipts are deposited directly into a lockbox with a trustee for administration of the flow of funds defined by GLWA's Master Bond Ordinance.

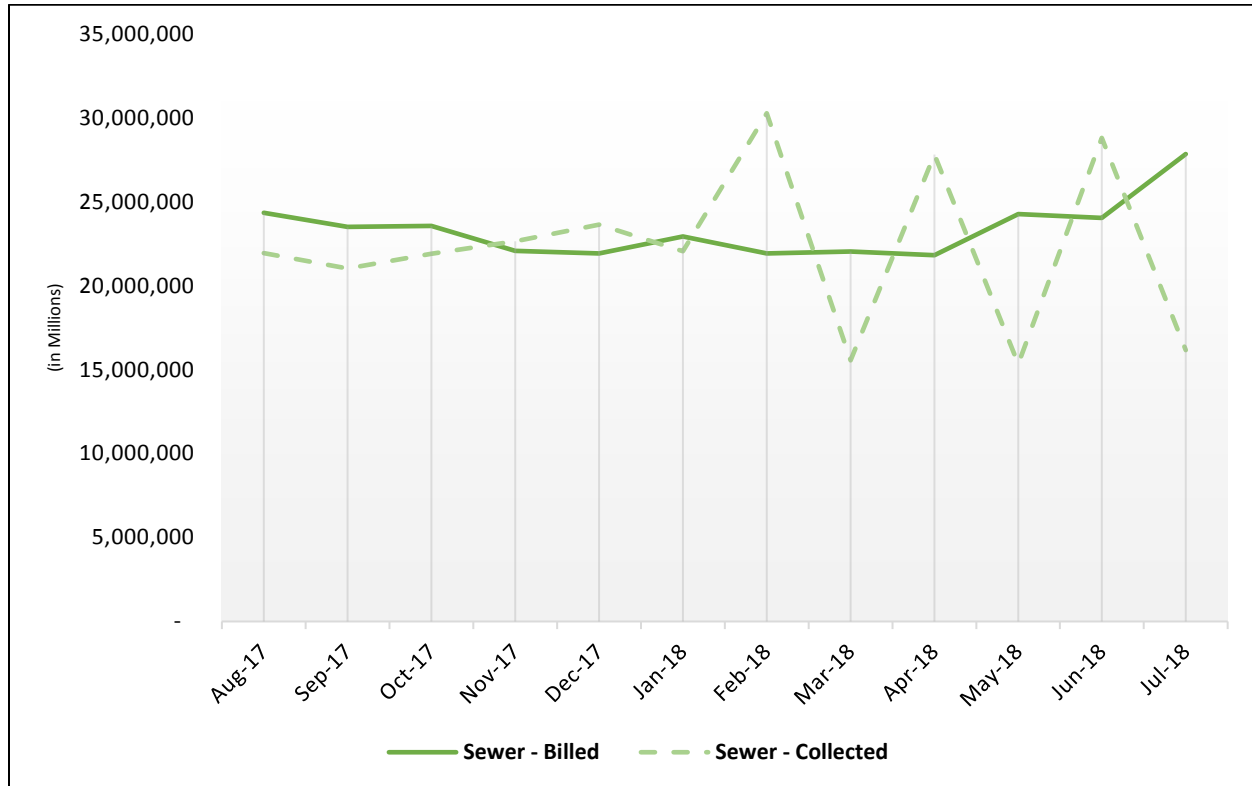
**Chart 2 – DWSD Retail Sewer Collections** shows collections by month for the past 12 months compared to billings for the same calendar months to depict net cashflow from water charges for that time period.

**Table 2 - DWSD Retail Sewer Billings**

Month	FY 2019 - Budget		FY 2019 - Actual		Variance	
	<u>Volume</u>	<u>Revenue</u>	<u>Volume</u>	<u>Revenue</u>	<u>Volume</u>	<u>Revenue</u>
	<i>Mcf</i>	<i>\$</i>	<i>Mcf</i>	<i>\$</i>	<i>Mcf</i>	<i>\$</i>
July	242,100	27,423,400	273,862	27,851,140	31,762	427,740
August	244,200	27,232,200				
September	239,600	25,367,500				
October	211,000	25,177,200				
November	197,600	23,861,000				
December	182,400	25,293,500				
January	198,600	24,852,800				
February	191,600	25,329,400				
March	191,000	25,474,500				
April	197,300	24,789,700				
May	187,300	26,205,200				
June	210,300	26,730,700				
<b>Total</b>	2,493,000	307,737,100	273,862	27,851,140	31,762	427,740
<b>Subtotals ytd</b>	242,100	27,423,400	273,862	27,851,140	31,762	427,740
<b>Achievement of Budget</b>			113.12%	101.56%		

(1) Retail Revenues include Miscellaneous Revenues and Penalties

**Chart 2 – DWSD Retail Sewer Collections**



## DWSD Retail Water and Sewer Accounts Receivable Aging Report

The DWSD detailed accounts receivable aging is categorized by customer category.

**Table 3** is a summary of the total, current and non-current Water receivables by category as of July 31, 2018. This does not include pre-bifurcation receivables transferred to DWSD as part of the April 2018 Memorandum of Understanding.

**Table 4** is a summary of the total, current and non-current Sewer receivables by category as of July 31, 2018. This does not include pre-bifurcation receivables transferred to DWSD as part of the April 2018 Memorandum of Understanding.

**Table 3 – DWSD Retail Accounts Receivable Aging Report – Water**

Sales Class	# of Accounts	Avg. Balance	Current	> 30 Days	> 60 Days	> 180 Days	TOTAL A/R BALANCE
RESIDENTIAL	191,149	\$ 104.05	\$ 3,528,418	\$ 1,600,981	\$ 3,794,819	\$ 10,964,054	\$ 19,888,272
			17.7%	8.0%	19.1%	55.1%	100.0%
COMMERCIAL	12,109	337.34	2,106,156	415,465	600,642	962,585	4,084,849
			51.6%	10.2%	14.7%	23.6%	100.0%
INDUSTRIAL	1,367	468.27	831,981	240,363	(16,516)	(415,698)	640,131
			130.0%	37.5%	(2.6%)	(64.9%)	100.0%
TAX EXEMPT	401	1,361.64	320,326	76,320	139,761	9,612	546,019
			58.7%	14.0%	25.6%	1.8%	100.0%
FAITH BASED	640	342.15	38,120	13,918	41,512	125,423	218,974
			17.4%	6.4%	19.0%	57.3%	100.0%
CITY OF DETROIT	1,025	647.04	312,677	108,372	131,830	110,338	663,217
			47.1%	16.3%	19.9%	16.6%	100.0%
WAYNE STATE	3	(79.49)	53	(292)	-	-	(238)
			(22.3%)	122.3%	0.0%	0.0%	100.0%
<b>Total</b>	<b>206,694</b>	<b>\$ 125.99</b>	<b>\$ 7,137,733</b>	<b>\$ 2,455,126</b>	<b>\$ 4,692,050</b>	<b>\$ 11,756,315</b>	<b>\$ 26,041,224</b>
% of Total DWSD A/R			27.4%	9.4%	18.0%	45.1%	100.0%

**Table 4 – DWSD Retail Accounts Receivable Aging Report – Sewer**

Sales Class	# of Accounts	Avg. Balance	Current	> 30 Days	> 60 Days	> 180 Days	TOTAL A/R BALANCE
RESIDENTIAL	181,551	\$ 286.99	\$ 8,660,619	\$ 4,256,702	\$ 10,990,160	\$ 28,196,182	\$ 52,103,663
			16.6%	8.2%	21.1%	54.1%	100.0%
COMMERCIAL	22,513	969.46	6,392,420	2,161,401	4,590,223	8,681,499	21,825,542
			29.3%	9.9%	21.0%	39.8%	100.0%
INDUSTRIAL	3,745	3,315.62	3,261,955	2,133,388	2,599,879	4,421,761	12,416,984
			26.3%	17.2%	20.9%	35.6%	100.0%
TAX EXEMPT	1,851	3,108.11	1,522,172	1,106,664	1,861,984	1,262,285	5,753,106
			26.5%	19.2%	32.4%	21.9%	100.0%
FAITH BASED	724	2,268.70	154,031	84,702	500,414	903,391	1,642,538
			9.4%	5.2%	30.5%	55.0%	100.0%
CITY OF DETROIT	2,738	2,593.84	940,494	1,179,774	1,983,594	2,998,061	7,101,924
			13.2%	16.6%	27.9%	42.2%	100.0%
WAYNE STATE	14	2,631.96	398	2,314	10,520	23,616	36,847
			1.1%	6.3%	28.6%	64.1%	100.0%
HIGHWAY DRAINAGE	2	1,033,386.46	257,193	195,370	781,481	832,729	2,066,773
			12.4%	9.5%	37.8%	40.3%	100.0%
<b>Total</b>	<b>213,138</b>	<b>\$ 483.01</b>	<b>\$ 21,189,282</b>	<b>\$ 11,120,315</b>	<b>\$ 23,318,257</b>	<b>\$ 47,319,524</b>	<b>\$ 102,947,377</b>
% of Total DWSD A/R			20.6%	10.8%	22.7%	46.0%	100.0%

This report includes the following:

1. Master Bond Ordinance (MBO) Required Transfers to Accounts Held by GLWA
2. Master Bond Ordinance (MBO) Required Transfers to Accounts Held by DWSD

## MBO Transfers to Accounts Held by GLWA

**GLWA Transfers:** The Treasury Department completes required MBO transfers on the first business day of each month. Treasury completes these transfers in accordance with the Great Lakes Water Authority (GLWA) and Detroit Water & Sewerage Department (DWSD) budgets as approved and adopted by the GLWA Board of Directors and DWSD Board of Water Commissioners annually. Required transfers for July 2018 were completed on July 2, 2018. Tables 1 and 2 below provide detail by fund of each transfer completed.

**Table 1 – GLWA Water Transfers** reflects July transfers completed July 2, 2018.

WATER							
	Operations & Maintenance	Pension Sub Account	Pension Obligation	WRAP	Budget Stabilization (For Benefit of DWSD)	Extraordinary Repair & Replacement (ER&R)	Total Water
Total FY 2016	\$71,052,000	\$6,037,100	\$10,297,200	\$1,983,300	\$2,326,900	\$606,000	\$92,302,500
Total FY 2017	\$111,879,600	\$6,037,200	\$10,297,200	\$2,077,200	\$360,000	\$0	\$130,651,200
Total FY 2018	\$121,562,604	\$6,048,000	\$10,695,696	\$2,159,400	\$0	\$0	\$140,465,700
<b>FY 2019</b>							
July 2018	\$ 10,393,475	\$504,000	\$891,308	\$171,683	-	-	\$11,960,466
Total FY 2019	\$10,393,475	\$504,000	\$891,308	\$171,683	\$0	\$0	\$11,960,466
Total Water Since Jan 1 2016	\$314,887,679	\$18,626,300	\$32,181,404	\$6,391,583	\$2,686,900	\$606,000	\$375,379,866

**Table 2 - GLWA Sewer Transfers** reflects July transfers completed July 2, 2018.

SEWER							
	Operations & Maintenance	Pension Sub Account	Pension Obligation	WRAP	Budget Stabilization (For Benefit of DWSD)	Extraordinary Repair & Replacement (ER&R)	Total Water
Total FY 2016	\$100,865,600	\$10,838,400	\$14,025,800	\$2,523,400	\$5,591,700	\$779,600	\$134,624,500
Total FY 2017	\$175,858,800	\$10,838,400	\$14,026,800	\$2,654,400	\$2,654,400	\$0	\$206,032,800
Total FY 2018	\$191,079,396	\$10,824,000	\$14,687,496	\$2,760,804	\$0	\$0	\$219,351,696
<b>FY 2019</b>							
July 2018	\$ 16,093,500	\$902,000	\$1,223,958	\$238,483	-	-	\$18,457,941
Total FY 2019	\$16,093,500	\$902,000	\$1,223,958	\$238,483	\$0	\$0	\$18,457,941
Total Sewer Since Jan 1 2016	\$483,897,296	\$33,402,800	\$43,964,054	\$8,177,087	\$8,246,100	\$779,600	\$578,466,937

Transfers for Operations and Maintenance, Pension, and Water Residential Assistance Program (WRAP) are one-twelfth of the annual, budgeted amount. Budget stabilization should not require additional funding due to new, baseline funding levels established as part of the April 2018 Memorandum of Understanding but is included to reflect historical activity. Treasury completes annual Extraordinary Repair & Replacement transfers as directed based on budget and yearend fund status.

## MBO Transfers to Accounts Held by DWSD

**DWSD Transfers:** The Treasury Department completes required MBO transfers on the first business day of each month. Treasury completes these transfers in accordance with the GLWA and DWSD budgets as approved and adopted by the GLWA Board of Directors and DWSD Board of Water Commissioners annually. Required transfers for July 2018 were completed on July 2, 2018. Tables 3 and 4 below provide detail by fund of each transfer completed.

**Table 3 – DWSD Water Transfers** reflects July transfers completed July 2, 2018.

DWSD Water				
	Operations & Maintenance	Pension	Lease Payment (I&E Fund)	Total Water
<b>Total FY 2016</b>	\$ 26,185,600	\$ 4,262,700	\$ 20,173,100	\$ 50,621,400
<b>Total FY 2017</b>	\$ 33,596,400	\$ 4,262,400	\$ 22,500,000	\$ 60,358,800
<b>Total FY 2018</b>	\$ 35,059,704	\$ 4,272,000	\$ 20,625,000	\$ 59,956,704
<b>FY 2019</b>				
<b>July 2018</b>	\$ 2,957,025	\$ 356,000	\$ 1,545,900	\$ 4,858,925
<b>Total FY 2019</b>	\$ 2,957,025	\$ 356,000	\$ 1,545,900	\$ 4,858,925
<b>Grand Total Water Transfers</b>	\$ 97,798,729	\$ 13,153,100	\$ 64,844,000	\$ 175,795,829

**Table 4 – DWSD Sewer Transfers** reflects July transfers completed July 2, 2018.

DWSD Sewer				
	Operations & Maintenance	Pension	Lease Payment (I&E Fund)	Total Sewer
<b>Total FY 2016</b>	\$ 19,774,300	\$ 2,861,800	\$ 7,508,500	\$ 30,144,600
<b>Total FY 2017</b>	\$ 41,535,600	\$ 2,862,000	\$ 27,500,000	\$ 71,897,600
<b>Total FY 2018</b>	\$ 60,517,992	\$ 2,856,000	\$ 18,333,336	\$ 81,707,328
<b>FY 2019</b>				
<b>July 2018</b>	\$ 5,676,792	\$ 238,000	\$ 1,886,333	\$ 7,801,125
<b>Total FY 2019</b>	\$ 5,676,792	\$ 238,000	\$ 1,886,333	\$ 7,801,125
<b>Grand Total Sewer Transfers</b>	\$ 127,504,684	\$ 8,817,800	\$ 55,228,169	\$ 191,550,653

GLWA Public Finance communicates planned transfers in advance of the first business day of each month and GLWA Treasury sends confirmation of transfers made to DWSD Treasury.

Transfers for Operations and Maintenance, Pension, and WRAP are one-twelfth of the annual, budgeted amount. Budget stabilization should not require additional funding due to new, baseline funding levels established as part of the April 2018 Memorandum of Understanding but is included to reflect historical activity. Treasury completes annual Extraordinary Repair & Replacement transfers as directed based on budget and yearend fund status.