

<u>WATER</u>	<u>2020</u>
RETIRED DEBT SERVICE	
PREVIOUS BAL-ALL DEBT SERVICE	\$ 43,459,437
ADD CURRENT YEAR	
PRINCIPAL	707,270
INTEREST	652,910
PREPAID BONDS	
TOTAL RETIRED DEBT	\$ 44,819,617
CAPITAL EXPENDITURES	
PREVIOUS BALANCE	\$ 29,416,818
CY CAPITAL IMPROVEMENT	2,168
LESS: CASH CONTRIBUTION	(407,772)
TOTAL CAPITAL EXPENSES NOT FUNDED	\$ 29,011,214
WATER CONNECTION FEE	
RETIRED DEBT SERVICE	\$ 44,819,617
CAPITAL EXPENDITURES	29,011,214
TOTAL	\$ 73,830,831
NUMBER OF ATTRIBUTED SERVICE UNITS	22,574
CONNECTION FEE	\$3,270.63
SEWER	
RETIRED DEBT SERVICE	
PREVIOUS BALANCE	\$ 63,627,436
ADD CURRENT YEAR	
PRINCIPAL	791,700
INTEREST	690,200
DEBT SERVICE PAYMENT TO MCUA	1,097,762
PREPAID BONDS	
TOTAL RETIRED DEBT SERVICE	\$ 66,207,098
CAPITAL EXPENDITURES	
PREVIOUS BALANCE	\$ 9,248,169
CY CAPITAL IMPROVEMENT	2,168
LESS: CASH CONTRIBUTION	(200,627)
TOTAL CAPITAL EXPENSES NOT FUNDED	\$ 9,049,710
SEWER CONNECTION FEE	
RETIRED DEBT SERVICE	\$ 66,207,098
CAPITAL EXPENDITURES	9,049,710
TOTAL	\$ 75,256,808
NUMBER OF ATTRIBUTED SERVICE UNITS	22,486
CONNECTION FEE	\$3,346.86

2020 WATER CONNECTION FEE -- CALCULATION OF ATTRIBUTED SERVICE UNITS FOR YEAR ENDING 12/31/2019

2019 - WATER SERVICE USAGE									
365	WATER SERVICE USAGE CLASSES	Number of Accounts	Number of Residential Accounts	Total Water Usage in 1,000 gallons/year (1,000 GPY)	Total Water Usage, GPD	Total Residential Water Usage, GPD	Total Water Usage, %	GPD/EDU	
Residential	Single-family Residences	10,824		884,330	2,422,822	3,399,592	86.5%	164	
	Multi-family Residences	15	20,709	584	1,600				
	Townhome Residences	9,870		355,937	975,170				
Non-residential	Commercial	435		160,111	438,660				
	Hotels	2		11,151	30,551				
	Schools	8		5,709	15,641		13.5%		
	Public	54		14,448	39,584				
	Hydrants	19		1,662	4,553				
	TOTALS		21,227	20,709	1,433,932	3,928,581	3,399,592	100.0%	---
TOT. RESIDENTIAL (= R+T+M)		---	20,709	---	---	3,399,592	86.5%	164	
Total Water usage, GPY		1,433,932,000							
Total Water Usage (Residential), GPY		1,240,851,000							
Total Usage (Residential), GPD		3,399,592							
GPD/EDU		164							
ROLLING FIVE-YEAR AVERAGE, GPD/EDU									
WATER									
12/31/2014									
12/31/2015		189							
12/31/2016		184							
12/31/2017		168							
12/31/2018		165							
12/31/2019		164							
6-Year Rolling Average GPD/EDU		174							
Total Water usage, GPY		1,433,932,000							
Residential Water usage, GPY		1,240,851,000							
Non-Residential Water Usage, GPY		193,081,000							
Number of Days per Year		365							
Residential, GPD		3,399,592							
5-Year Rolling Average GPD/EDU		174							
Total Water Usage, GPD		3,928,581							
ATTRIBUTED SERVICE UNITS = (Total Water Usage, GPD)/(GPD/EDU)		22,574							

2020 SEWER CONNECTION FEE -- CALCULATION OF ATTRIBUTED SERVICE UNITS FOR YEAR ENDING 12/31/2019

2019 - SEWER SERVICE USAGE									
365	SEWER SERVICE USAGE - CLASSES	Number of Accounts	Number of Residential Accounts	Total Sewer Usage, 1,000 gallons/year (1,000 GPY)	Total Sewer Usage, GPD	Total Residential Sewer Usage, GPD	Total Sewer Usage, %	GPD/EDU	
Residential	Single-family Residences	10,499		853,950	2,339,689	3,303,973	93.1%	162	
	Multi-family Residences	11	20,380	391	1,071				
	Townhome Residences	9,870		351,609	963,312				
Non-residential	Commercial	345		82,994	227,381				
	Hotels	0		0	0				
	Schools	8		4,405	12,068		6.9%		
	Public	30		1,958	5,364				
	Hydrants	0		0	0				
	TOTALS	20,763	20,380	1,295,307	3,548,786	3,303,973	100.0%	---	---
	TOT. RESIDENTIAL (= R+T+M)	---	20,380	---	---	3,303,973	93.1%	162	
	Total Sewer Usage, GPY	1,295,307,000							
	Total Sewer Usage (Residential), GPY	1,205,950,000							
	Total Sewer Usage (Residential), GPD	3,303,973							
	GPD/EDU	162							
	ROLLING FIVE-YEAR AVERAGE, GPD/EDU								
	SEWER								
	12/31/2014	--							
	12/31/2015	162							
	12/31/2016	158							
	12/31/2017	144							
	12/31/2018	163							
	12/31/2019	162							
	5-Year Rolling Average GPD/EDU	168							
	Total Sewer Usage, GPY	1,295,307,000							
	Residential Sewer Usage, GPY	1,205,950,000							
	Non-Residential Sewer Usage, GPY	89,357,000							
	Number of Days per Year	365							
	Residential, GPD	3,303,973							
	5-Year Rolling Average GPD/EDU	158							
	Total Sewer Usage, GPD	3,548,786							
	ATTRIBUTED SERVICE UNITS =(Total Sewer Usage, GPD)/(GPD/EDU)	22,486							

MONROE TOWNSHIP UTILITIES DEPARTMENT (MTUD)
METHODS FOR CALCULATING THE WATER AND SEWER CONNECTION FEES
(5/14/2020)

1. CONNECTION FEE FOR WATER SERVICE USAGE (Based on the prior calendar year's data; i.e., 2018 historical data for calculating the "2019 Connection Fee")
(NOTE: Make all changes in the <u>WATER</u> worksheet and they will be copied to the <u>WATER & SEWER</u> worksheet!!)
Information Required:
1. TOTAL NUMBER OF <u>ACCOUNTS</u> SERVICED BY THE MTUD
2. NUMBER OF RESIDENTIAL <u>ACCOUNTS</u> SERVICED BY THE MTUD
3. TOTAL WATER USAGE IN 1,000 GALLONS/YEAR (1,000 GPY)
4. TOTAL WATER USAGE, GALLONS PER DAY (GPD)
5. RESIDENTIAL WATER USAGE, GPD/Residential Account = GPD/EDU
6. ATTRIBUTED NUMBER OF SERVICE UNITS = Total Water Usage/(GPD/EDU)
7. RETIRED DEBT SERVICE & CAPITAL EXPENDITURES, \$
8. CONNECTION FEE, \$/SERVICE UNIT

2. CONNECTION FEES FOR SEWER SERVICE USAGE (Based on the prior calendar year's data; i.e., 2018 historical data for calculating the "2019 Connection Fee")
(NOTE: Make all changes in the <u>SEWER</u> worksheet and they will be copied to the <u>WATER & SEWER</u> worksheet!!)
Information Required:
1. TOTAL NUMBER OF <u>ACCOUNTS</u> SERVICED BY THE MTUD
2. NUMBER OF RESIDENTIAL <u>ACCOUNTS</u> SERVICED BY THE MTUD
3. TOTAL SEWER USE IN 1,000 GALLONS/YEAR (1,000 GPY)
4. TOTAL SEWER USE, GALLONS PER DAY (GPD)
5. RESIDENTIAL SEWER USE, GPD/Residential Account = GPD/EDU
6. ATTRIBUTED NUMBER OF SERVICE UNITS = Total Water Usage/(GPD/EDU)
7. RETIRED DEBT SERVICE & CAPITAL EXPENDITURES, \$
8. CONNECTION FEE, \$/SERVICE UNIT