

SOUTH MIDDLETON TOWNSHIP MUNICIPAL AUTHORITY

RESOLUTION NO. 04-10-2023-01

**A RESOLUTION OF THE AUTHORITY BOARD ESTABLISHING
SEWER SYSTEM TAPPING FEES IN ACCORDANCE WITH
THE PENNSYLVANIA MUNICIPALITY AUTHORITIES ACT, 53 Pa.C.S.A. § 5601, ET
SEQ., AS AMENDED.**

WHEREAS, SOUTH MIDDLETON TOWNSHIP MUNICIPAL AUTHORITY (the “Authority”) owns and operates a municipal sewer system serving the Township of South Middleton, in Cumberland County; and

WHEREAS, the Pennsylvania Municipality Authorities Act confers upon the Authority the power to charge property owners, who desire to connect to the Authority’s sewer system, a tapping fee; and

WHEREAS, Act 57 of 2003 (P.L. 404) amended the Pennsylvania Municipality Authorities Act by revising, inter alia, the method of calculating and determining various tapping fees and tapping fee components chargeable to such property owners; and

WHEREAS, after undertaking appropriate and required study and consideration, the Board of the Authority has determined the need to establish tapping fees effective April 11, 2023, consistent with requirements of Act 57 of 2003.

NOW, THEREFORE, the Board of the Authority, in public session duly assembled, hereby RESOLVES as follows:

1. Effective April 11, 2023, any property owner desiring to connect to the Authority’s sewer system shall pay to the Authority prior to connecting thereto a tapping fee per Equivalent Dwelling Unit (EDU)*, consistent with the following components;

	Tapping Fee per EDU
Capacity Part	\$3,164.00
Collection Part	\$2,191.00
<i>Total Area Wide (per EDU)</i>	<i>\$5,355.00</i>


*Equivalent Dwelling Unit” or “EDU” means any room, group of rooms, house, trailer or other structure or enclosure occupied or intended for occupancy as separate living quarters by a family or by persons living together or by persons living alone. For a non-residential use, the sewer flows for such use, divided by 214 gallons per day and rounded to the nearest tenth of one EDU, shall be the number of EDU’s for such non-residential use.

- 2 The Tapping Fee Update for Water and Wastewater, completed in conformance with Act 57 of 2003 by GHD and dated April 6, 2023, is included herein by reference, made a part of this Resolution in its entirety, and shall be made available for public inspection in accordance with applicable law. Tables 1 &2 from that report are attached to this Resolution for immediate reference.
- 3 The tapping fees set forth in this Resolution and adopted hereby shall remain in effect until changed or modified by the Board of the Authority as provided by law.
- 4 All rules, regulations and resolutions of the Authority and all parts or portions thereof to the extent not specifically modified hereby shall remain in full force and effect, it being the intention of this Resolution only to establish tapping fees as noted above and to effect no other changes to any prior rules, regulations or resolutions of this Authority.
- 5 Nothing contained in this Resolution restricts or otherwise limits any other rights or remedies that the Authority may have under applicable law.
- 6 In the event that any provision, section, sentence, clause or part of this Resolution shall be held to be invalid, such invalidity shall not affect or impair any remaining provision, section, sentence, clause or part of this Resolution. It is the intent of the Authority that such remainder shall be in remain in full force and effect.
- 7 All Resolutions or parts of Resolutions of this Authority which shall be inconsistent with the current Resolution are expressly repeal.

RESOLUTION APPROVED this 10th day of April, 2023.

ATTEST:

SOUTH MIDDLETON TOWNSHIP
MUNICIPAL AUTHORITY


Secretary

By: 
Chairman

South Middleton Township Municipal Authority
Act 57 Tapping Fee Calculation
Table 1 - Capacity Part - Sewer

ENR Construction Cost Index for March 2023 = 13176

Project/Sewer System Component ¹	Year	Original Construction Costs ²	Deductions ³	Adjusted Total Costs	Original ENR	2023 Eligible Cost
Sanitary Sewerage System & Appurtenances, PS No. 1 (Pump Station Only)	1972	\$ 80,400	\$ 34,355 ^{b,d}	\$ 46,045	1753	\$ 346,086
			\$ 2,100,435 ^a			
Sewage Treatment Plant & PS 2	1975	\$ 3,217,362	\$ 248,804 ^{c,d}	\$ 494,611	2212	\$ 2,946,201
			\$ 373,512 ^{b,d}			
Mount Holly Springs Capacity Purchase	1979	\$ 137,378	\$ 57,699 ^{b,d}	\$ 79,679	3003	\$ 349,602
Carlisle Capacity Purchase	1979	\$ 503,365	\$ 125,841 ^d	\$ 377,524	3003	\$ 1,656,427
Mt. Holly WWTP Upgrade & Expansion - SMTMA Share	1981	\$ 220,704	\$ 55,176 ^{b,d}	\$ 165,528	3452	\$ 631,807
Areas II Sanitary Sewer System for Carlisle Area and Area III Sanitary Sewerage System & PS No. 3 for Mt. Holly	1982	\$ 289,384	\$ 183,160 ^a	\$ 63,227	3742	\$ 222,629
			\$ 42,997 ^{b,d}			
Walnut Bottom Rd. Sewer Acquisition	1988	\$ 19,116		\$ 19,116	4519	\$ 55,736
Commerce Dr. Sewer and PS 5	1988	\$ 11,112		\$ 11,112	4519	\$ 32,399
WWTP Upgrade & Expansion (Admin. Building, Sludge Drying Beds and Treatment Train 2) ⁴	1993	\$ 1,704,244	\$ 281,587 ^{c,d}	\$ 1,422,657	5210	\$ 3,597,875
Chlorine Contact Tank	1994	\$ 98,736	\$ 98,736 ^{b,d}	\$ -	5408	\$ -
Carlisle Capacity Purchase (0.50 MGD)	1995	\$ 1,116,665		\$ 1,116,665	5471	\$ 2,689,303
Carlisle WWTP Improvements - SMTMA Share	1996	\$ 716,969		\$ 716,969	5618	\$ 1,681,521
PS No. 9 Forcemain	1996	\$ 71,980		\$ 71,980	5825	\$ 162,817
Wood Lane PS and Sewer Extension	1998	\$ 15,686		\$ 15,686	5920	\$ 34,912
Chemical Feed Sys. and Utility Water Pump Replacement	1998	\$ 152,356	\$ 152,356 ^d	\$ -	5920	\$ -
PS No. 9	2002	\$ 750,005		\$ 750,005	6538	\$ 1,511,481
PS No. 4 Additions	2002	\$ 46,506		\$ 46,506	6538	\$ 93,723
Mt. Holly WWTP Upgrade - SMTMA Share	2002	\$ 192,768		\$ 192,768	6538	\$ 388,484
PS No. 1 Upgrade & Forcemain	2002	\$ 748,265		\$ 748,265	6538	\$ 1,507,975
Blower Building Improvements	2002	\$ 62,975		\$ 62,975	6538	\$ 126,913
WWTP Screw Pump / Addition & Alterations to Headworks	2002	\$ 274,011	\$ 274,011 ^b	\$ -	6538	\$ -
Bond Issuance Costs - Guaranteed Water and Sewer Revenue Bonds - Series of 2003	2003	\$ 114,102		\$ 114,102	6695	\$ 224,557
Route 34 Sewer Extension (Bonnybrook)	2004	\$ 23,046		\$ 23,046	6538	\$ 46,444
Western Village Sewers	2004	\$ 148,835		\$ 148,835	7115	\$ 275,622
PS Nos. 11 & 12	2004	\$ 679,920		\$ 679,920	7115	\$ 1,259,118
Carlisle PS No. 2 Upgrade - SMTMA Share	2005	\$ 61,956		\$ 61,956	7446	\$ 109,634
Composite Sampler	2006	\$ 9,721		\$ 9,721	7751	\$ 16,525

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Project/Sewer System Component ¹	Year	Original Construction Costs ²	Deductions ³	Adjusted Total Costs	Original ENR	2023 Eligible Cost
Reed Bed Expansion	2008	\$ 574,712	\$ 155,172 ^{c,d}	\$ 419,540	8310	\$ 665,206
Carlisle WWTP Upgrade - SMTMA Share	2010	\$ 1,684,624		\$ 1,684,624	8799	\$ 2,522,628
SCADA Telemetry System	2012	\$ 312,574		\$ 312,574	9308	\$ 442,466
Generator Replacement Projects at WWTP, PS 2 & PS 6	2012	\$ 426,362	\$ 56,998 ^{c,d}	\$ 369,364	9308	\$ 522,856
MHSBA WWTP Upgrade - SMTMA Portion	2012	\$ 1,687,623		\$ 1,687,623	9308	\$ 2,388,926
Enhanced BNR Upgrade	2013	\$ 23,634,350	\$ 3,346,831 ^{c,d}	\$ 20,287,519	9547	\$ 27,999,199
PS No. 1 Upgrade	2014	\$ 350,252		\$ 350,252	9807	\$ 470,574
PS No. 3 Upgrade	2017	\$ 567,756	\$ 109,691 ^b	\$ 458,065	10692	\$ 564,484
WWTP Paving & Lear Ln. Rebuild/Repave	2017	\$ 308,935		\$ 308,935	10692	\$ 380,708
Bond Issuance Costs - Guaranteed Water and Sewer Revenue Bonds - Series of 2017	2017	\$ 42,900		\$ 42,900	10692	\$ 52,867
Carlisle WWTP Capital Improvements	2017	\$ 56,583		\$ 56,583	10692	\$ 69,728
Carlisle WWTP Capital Improvements	2018	\$ 40,036		\$ 40,036	11062	\$ 47,687
Carlisle WWTP Capital Improvements	2019	\$ 274,925		\$ 274,925	11281	\$ 321,107
Carlisle WWTP Capital Improvements	2020	\$ 103,322		\$ 103,322	11466	\$ 118,731
Phosphorus Monitoring System for WWTP	2020	\$ 51,270	\$ 7,009 ^{c,d}	\$ 44,261	11466	\$ 50,862
Carlisle WWTP Capital Improvements	2021	\$ 27,235		\$ 27,235	12134	\$ 29,574
Emergency SCADA Migration	2021	\$ 10,217		\$ 10,217	12134	\$ 11,094
SCADA Updates	2022	\$ 20,938		\$ 20,938	13175	\$ 20,940
PS 8 Replacement	2022	\$ 217,284		\$ 217,284	13175	\$ 217,300
Total Cost		\$ 41,583,791	\$ 7,704,370	\$ 33,879,420		\$ 56,864,729

Capacity Part Cost	\$ 56,864,729
Outstanding Debt ^f	\$ 19,339,900
Total Eligible Capacity Part Cost	\$ 37,524,829
Permitted Capacity, MGD ⁷	2.54
Cost/gallon ⁸	\$ 14.77
Gallons/EDU ⁹	214
Tapping Fee - Capacity Part	\$ 3,164

- (1) Refer to Exhibit A.
- (2) Original construction costs are as per SMTMA records (Requisition payments and/or Contract Closing Documents).
- (3) Represents one of the following:
 - a.) grant funding (Exhibit B)
 - b.) the value of facilities taken out of service (Exhibits C-1 through C-5)
 - c.) portion of project paid for with a developer and/or municipal capital contribution;
 - d.) see Exhibit D for ineligible project cost summary;
- (4) Costs associated with the Administration Building are split 50/50 between the Water/Sewer Systems. Costs shown represent costs attributed to the Sewer System only.
- (5) Headworks completely replaced as part of 2014 Enhanced BNR Upgrade, therefore total project cost from 2002 is deducted.
- (6) Refer to Exhibit E.
- (7) Includes capacity owned by SMTMA as follows: 1.3 MGD SMTMA WWTP + 1.01 MGD Carlisle WWTP + 0.233 MGD MHSBA WWTP = 2.54 MGD Total.
- (8) Calculated by dividing the total eligible capacity part cost by the permitted capacity.
- (9) Calculated per Act 57 guidelines by multiplying 90 GPD by 2.38 persons per household for Cumberland County (since the service area extends beyond South Middleton Township) as per 2020 U.S. Census Data.

South Middleton Township Municipal Authority
Act 57 Tapping Fee Calculation
Table 2 - Collection Part - Sewer

ENR Construction Cost Index for March 2023 = 13176

Project/Sewer System Component ¹	Year	Original Project Cost ²	Deductions ³	Adjusted Total Costs	Original ENR	2023 Eligible Cost
Sanitary Sewerage System & Appurtenances, Pump Station No. 1	1972	\$ 169,827	\$ 4,804 ^a	\$ 165,023	1753	\$ 1,240,355
Sewage Treatment Plant & PS 2	1975	\$ 3,608,015	\$ 861,200 ^b	\$ 1,472,585	2212	\$ 8,771,600
			\$ 960,646 ^b			
			\$ 313,584 ^a			
Areas II Sanitary Sewer System for Carlisle Area and Area III Sanitary Sewerage System & PS No. 3 for Mt. Holly	1982	\$ 3,857,767	\$ 1,298,850 ^b	\$ 1,498,912	3742	\$ 5,277,837
			\$ 713,985 ^b			
			\$ 346,020 ^a			
Stonehedge Sewer Extension (SMTMA Share)	1985	\$ 57,288	\$ 9,446 ^a	\$ 47,842	4195	\$ 150,266
Walnut Bottom Rd. Sewer Acquisition	1988	\$ 13,066		\$ 13,066	4519	\$ 38,096
Flushing Truck Purchase (Camel Truck)	1989	\$ 104,800		\$ 104,800	4615	\$ 299,208
Commerce Dr. Sewer Installation Reimbursement	1996	\$ 40,814		\$ 40,814	5618	\$ 95,722
310D Loader/Backhoe Purchase	1996	\$ 22,973		\$ 22,973	5618	\$ 53,879
Fairview Storage Sewer Extension	1998	\$ 32,936	\$ 2,875 ^a	\$ 30,061	5920	\$ 66,906
Wood Ln. PS No. 10 and Sewer Extension	1998	\$ 177,181	\$ 11,460 ^a	\$ 165,721	5920	\$ 368,841
West Pine & Sandbank Rd. Sewer Extension	1999	\$ 783,837	\$ 107,913 ^a	\$ 675,924	6059	\$ 1,469,875
Route 34 Sewer Extension (Bonnybrook)	2004	\$ 699,445		\$ 699,445	7115	\$ 1,295,276
Western Village Sewers	2004	\$ 2,301,294	\$ 274,342 ^a	\$ 2,026,952	7115	\$ 3,753,636
Lindsey Rd. Sewer Extension	2004	\$ 196,982	\$ 17,496 ^a	\$ 179,486	7115	\$ 332,383
Old Forge Road	2005	\$ 2,655		\$ 2,655	7446	\$ 4,698
Meter Pit Installations Routes 74 and 641	2005	\$ 57,484	\$ 1,700 ^c	\$ 55,784	7446	\$ 98,712
Steel Storage Building ⁴	2006	\$ 233,505		\$ 233,505	7751	\$ 396,937
York Rd. Metering Station (Hach Flo-Dar Sewage Meter)	2014	\$ 12,427		\$ 12,427	9807	\$ 16,696
Radio System Modifications	2017	\$ 8,212		\$ 8,212	10692	\$ 10,120
Forge Road Acres Phase I	2020	\$ 2,289,232		\$ 2,289,232	11466	\$ 2,630,640
Forge Road Acres Phase II	2020	\$ 3,157,107		\$ 3,157,107	11466	\$ 3,627,947
Flush Truck Chassis and Vactor	2020	\$ 368,434	\$ 5,036 ^d	\$ 363,398	11466	\$ 417,594
Total Cost		\$ 18,195,281	\$ 4,929,357	\$ 13,265,924		\$ 30,417,226

Collection Part Cost	\$ 30,417,226
Outstanding Debt ⁵	\$ 4,439,000
Total Eligible Collection Part Cost	\$ 25,978,226
Permitted Capacity, MGD ⁶	2.54
Cost/gallon ⁷	\$ 10.23
Gallons/EDU ⁸	214
Tapping Fee - Collection Part	\$ 2,191

- (1) Refer to Exhibit A for detailed project costs.
- (2) Original construction costs are as per SMTMA records (Requisition payments and/or Contract Closing Documents).
- (3) Represents one of the following:
 - a.) Y-Branches and Laterals per SMTMA 2005 Tapping Fee Report;
 - b.) grant funding (Exhibit B);
 - c.) the value of facilities taken out of service (Exhibits C-1 through C-5);
 - d.) municipal contribution (Exhibit D)
- (4) Represents 50% of the total project costs, the other 50% is applicable to the water system.
- (5) Refer to Exhibit E.
- (6) Includes capacity owned by SMTMA as follows: 1.3 MGD SMTMA WWTP + 1.01 MGD Carlisle WWTP + 0.233 MGD MHSBA WWTP = 2.54 MGD Total.
- (7) Calculated by dividing the total eligible capacity part cost by the permitted capacity.
- (8) Calculated per Act 57 guidelines by multiplying 90 GPD by 2.38 persons per household for Cumberland County (since the service area extends beyond South Middleton Township) as per 2020 U.S. Census Data.