

WEST HANOVER TOWNSHIP WATER AND SEWER AUTHORITY

RESOLUTION 2014-A-2

A RESOLUTION

OF THE BOARD OF THE WEST HANOVER TOWNSHIP WATER AND SEWER AUTHORITY HEREBY ESTABLISHES THE AMOUNTS TO BE CHARGED FOR CAPACITY FEE, THE COLLECTION FEE, THE CONNECTION FEE AND THE CUSTOMER FACILITY FEE AGAINST APPROPRIATE OWNERS OF PROPERTY WHO CONNECT TO THE SEWER SYSTEM OF THE AUTHORITY; APPROVING 1995, 1999, 2000, 2001, AND 2002 REPORTS OF THE CONSULTING ENGINEERS, CET ENGINEERING SERVICES, AND THE 2003, 2004, 2006, 2007, AND 2013 REPORTS OF THE CONSULTING ENGINEERS, GANNETT FLEMING, INC., OF THE AUTHORITY WHICH, INTER ALIA, SETS FORTH ESTIMATED COSTS OF THE PROPOSED SEWERAGE COLLECTION, TRANSPORTATION, AND TREATMENT SYSTEM, AS DEFINED AND REFERRED TO IN §5607 (d) TITLE 53 CHAPTER 56 OF THE PENNSYLVANIA CONSOLIDATED STATUTE FOR MUNICIPAL AUTHORITIES; AND PROVIDING FOR THE MANNER AND TIME OF PAYMENT OF SAID FEES. THIS RESOLUTION CODIFIES AND SUPERSEDES RESOLUTION 1996-A-1, 1996-A-2, 1999-A-1, 2000-A-3, 2001-A-3, 2002-A-5, 2003-A-5, 2004-A-3, 2005-A-3, 2006-A-7, 2007-A-3, 2008-A-6, 2009-A-4, 2010-A-5, 2011-A-5, AND 2013-A-3.

WHEREAS, the West Hanover Township Water and Sewer Authority (the "Authority"), with approval of the Township of West Hanover, Dauphin County, Pennsylvania (the "Township"), has undertaken the acquisition and construction of a complete sanitary sewage collection, transportation, and treatment system, including all related and necessary facilities, to serve the Township; and

WHEREAS, the Consulting Engineers have prepared a report entitled "Wastewater System Construction Project, Report on Act 203 Fees," dated April 1995 (the "Report"), related to the Sewer System, which Report, inter alia, sets forth calculations of the reasonable estimated cost of connection facilities included in the Sewer System, as contemplated by Act 203 of 1990 of the General Assembly of the Commonwealth of Pennsylvania, approved December 19, 1990; and

WHEREAS, the Consulting Engineers revised the Report by letter dated August 11, 1999 ("Revision") addressed to the Authority which, inter alia, set forth the calculations of the as-constructed cost of the connection facilities included in the Sewer System, as contemplated by Act 203 of 1990 of the General Assembly of the Commonwealth of Pennsylvania, approved December 19, 1990; and

WHEREAS, the Consulting Engineers revised the Reports by Memorandum dated August 14, 2000 ("Revision") addressed to the Authority which, inter alia, set forth the calculations of the as-constructed cost of the connection facilities included in the Sewer System, as contemplated by Act 203 of 1990 of the General Assembly of the Commonwealth of Pennsylvania, approved December 19, 1990; and

WHEREAS, the Consulting Engineers revised the Reports by Memorandum dated August 7, 2001, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as contemplated by Act 203 of 1990 of the General Assembly of the Commonwealth of Pennsylvania, approved December 19, 1990; and

WHEREAS, the Consulting Engineers revised the Reports by Memorandum dated August 14, 2002, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as contemplated by Act 203 of 1990 of the General Assembly of the Commonwealth of Pennsylvania, approved December 19, 1990; and

WHEREAS, Gannett Fleming, Inc., the consulting engineers, revised the Reports by Memorandum dated November 18, 2003, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as contemplated by Act 203 of 1990 of the General Assembly of the Commonwealth of Pennsylvania, approved December 19, 1990; and

WHEREAS, Gannett Fleming, Inc., the consulting engineers, revised the Reports by Memorandum dated December 7, 2004, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as set forth by Act 57 signed into law in December 2003 which requires the Authority to recalculate tapping fees prior to June 30, 2005 to bring them into line with the legislation.

WHEREAS, Gannett Fleming, Inc., the consulting engineers, revised the Reports by Memorandum dated October 20, 2006, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as set forth by Act 57 signed into law in December 2003.

WHEREAS, Gannett Fleming, Inc., the consulting engineers, revised the Reports by Memorandum dated October 10, 2007, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as set forth by Act 57 signed into law in December 2003.

WHEREAS, Gannett Fleming, Inc., the consulting engineers, revised the Reports by Memorandum dated October 15, 2013, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as set forth by Act 57 signed into law in December 2003.

WHEREAS, Gannett Fleming, Inc., the consulting engineers, revised the Reports by

Memorandum dated September 15, 2014, ("Revision") addressed to the Authority which, inter alia, sets forth revised calculations of the as-constructed cost of the facilities included in the Sewer System, as set forth by Act 57 signed into law in December 2003.

WHEREAS, the last revised Tapping Fee report shall be appended to this resolution, and all of its depending reports shall be made available by the Authority when requested; and

WHEREAS, the Authority anticipates said sewer system to be enlarged by extension not part of the original construction; and

WHEREAS, the Authority desires to establish connection, customer facilities, and tapping fees appropriate to owners of property connecting to said Sewer System and to provide when said fees are due and payable;

NOW, THEREFORE, BE IT RESOLVED, by the Board of the Authority, as follows:

SECTION 1. The Authority hereby does approve the September 15, 2014 Report of the Consulting Engineer and does hereby approve all calculations of cost, as set forth therein.

SECTION 2. The Authority hereby determines that, as of January 1, 2014, the Connection Fee will be the actual construction of the Service Lateral and \$140 for Authority costs to inspect construction by others.

SECTION 3. The Authority hereby determines that, as of January 1, 2015, the Collection Fee is \$180 per Domestic Establishment. The Collection Fee for Non-Domestic and Multi-Use Establishments is \$0.82 per gallon of Usage Capacity, with a minimum of \$180 per Building.

SECTION 4. The Authority hereby determines that, as of January 1, 2014, the Customer Facilities Fee against each owner of property to be connected to the Sewer System is \$175.

SECTION 5. The Authority hereby determines that, as of January 1, 2015, the Capacity Fee, or capacity-related portion of the Sewer system chargeable to properties connecting to the Sewer System is \$4,030 per Domestic Establishment. The Capacity Fee for Non-Domestic and Multi-Use Establishments is \$18.13 per gallon of Usage Capacity, with a minimum of \$4,030 per Building.

SECTION 6. The above fees charged by the Authority pursuant to this Resolution shall be payable to such officer or representative of the Authority as shall be authorized, from time to time, to accept payment thereof.

SECTION 7. The Authority, as permitted by law, shall enforce payment of all of the above fees charged by the Authority pursuant to this Resolution at the time in effect.

SECTION 8. This Resolution shall become effective immediately.

SECTION 9. The Authority reserves the right, from time to time, to adopt modifications of, supplements to, or amendments of this Resolution.


SECTION 10. In the event 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 being the intent of the Authority that such remainder shall be and shall remain in full force and effect.

ENACTED into a Resolution this 18th day of November, 2014.

WEST HANOVER TOWNSHIP WATER
AND SEWER AUTHORITY

BY: 
Chairman

ATTEST:
(Corporate Seal)


(Assistant) Secretary

**WEST HANOVER TOWNSHIP WATER SEWER AUTHORITY
TAPPING FEE UPDATE - WEIGHTED INTEREST BASIS**

Sept. 15, 2014

	<u>Tapping Fee Component</u>	<u>Capacity Component</u>	<u>Collection Component</u>
1995 WWTP and Collection System Construction Project			
Calculation of Updated Cost - Weighted Interest Basis			
Original Tapping Fee Amount, cost/EDU	\$ 1,900.00	\$	100.00
Start Date	1/1/95		1/1/95
End Date	12/31/12		12/31/12
No of Years	18		18
Weighted Average Annual Interest Rate	3.125%		3.125%
Tapping Fee Adjusted to Dec 2012, cost/EDU	\$ 3,306.02	\$	174.00
1995 Project-Refinanced Interest Rate			
Start Date	1/1/13		1/1/13
End Date	12/31/14		12/31/14
No. of Years	2		2
Weighted Avg APR-2012 Series Bond Issue	2.139%		2.139%
Updated Tapping Fee Amounts			
Cost per EDU	\$ 3,448.96	\$	181.52
Equivalent Cost/gpd of AADF Capacity ⁽¹⁾	\$ 15.51	\$	0.82
2003 Lime Silo Addition Project - Historical Cost Basis			
Lime Silo Project Original Cost			
Total Construction Cost	\$ 195,250		
Engineering, Legal, Permit Fees	\$ 24,692		
Total Project Cost - October 2003	\$ 219,942		
Current Day Cost Adjustment			
Bid Date	<u>Date</u> Oct-03		<u>CCI</u> 6771
Current Date	Sep-14		9870
Lime Silo Project Cost Adjusted to Current Day	\$ 320,607		
Tapping Fee Eligible Cost Calculation - Lime Silo Project			
Adjusted Current Day Project Cost	\$ 320,607		
Outstanding Debt	\$ -		
Tapping Fee Eligible Project Cost - Lime Silo Addition	\$ 320,607		

**WEST HANOVER TOWNSHIP WATER SEWER AUTHORITY
TAPPING FEE UPDATE - WEIGHTED INTEREST BASIS**

Sept. 15, 2014

2011 WWTP Expansion and Upgrade Project - Historical Cost Basis

<u>Project Cost Description</u>	<u>Actual Cost</u>
Construction Contracts	
Contract 1	\$ 5,575,444
Contract 2	\$ 1,173,824
Contract 3	<u>\$ 112,000</u>
Subtotal Construction Costs ⁽²⁾	\$ 6,861,268
Associated Costs	
Engineering Fees	
RK & K Preliminary Design, Design, and Construction phase services	\$ 512,375
GF RFP Preparation, Project Management Services	<u>\$ 48,955</u>
Subtotal Engineering	\$ 561,330
Land Acquisition Costs	<u>\$ 37,500</u>
Subtotal Associated Costs	\$ 598,830
Total 2011 WWTP Expansion and Upgrade Project Costs	\$ 7,460,098

Current Day Cost Adjustment - 2011 WWTP Project	<u>Date</u>	<u>CCI</u>
Bid Date	Jun-11	9104
Current Date	Sep-14	9870

2011 WWTP Expansion and Upgrade Project Costs Adjusted to Current Day \$ 8,087,782

Tapping Fee Eligible Cost Calculation -2011 WWTP Project

Adjusted Current Day Project Cost	\$ 8,087,782
Remaining Debt - Series 2011 Bond Issue	<u>\$ 6,365,862</u>
Tapping Fee Eligible Cost	\$ 1,721,920

**WEST HANOVER TOWNSHIP WATER SEWER AUTHORITY
TAPPING FEE UPDATE - WEIGHTED INTEREST BASIS**

Sept. 15, 2014

Tapping Fee Calculation - Costs Adjusted to Current Day

2003 Lime Silo Addition Project Eligible Cost	\$	320,607
2011 WWTP Expansion and Upgrading Project Eligible Cost	\$	<u>1,721,920</u>
Total Tapping Fee Eligible Costs - 2003 and 2011 Projects	\$	2,042,527

EDU Defined per Act 57 of 2004

No. of Persons/Household - 2010 Census		2.47
Usage Volume, gpd/EDU at 90 gpcd		222

Tapping Fee - 2003 and 2011 Projects

Cost per gpd of AADF Capacity	\$	2.62
Cost per Residential EDU	\$	582.12

	<u>Capacity Component</u>	<u>Collection Component</u>
TOTAL MAXIMUM TAPPING FEE AMOUNT, COST/GPD		
1995 Project	\$ 15.51	\$ 0.82
2003 and 2011 Projects	<u>\$ 2.62</u>	<u>\$ -</u>
Total Maximum Tapping Fee Amount, Cost/gpd	\$ 18.13	\$ 0.82

	<u>Capacity Component</u>	<u>Collection Component</u>
TOTAL MAXIMUM TAPPING FEE AMOUNT, COST/EDU		
1995 Project	\$ 3,448.96	\$ 181.52
2003 and 2011 Projects	<u>\$ 582.12</u>	<u>\$ -</u>
Total Maximum Tapping Fee Amount, Cost/EDU	\$ 4,031.08	\$ 181.52

1. WWTP Annual Average Daily Flow Capacity = 780,000 gpd.
2. There were no grants or contributions to the 2011 Project.

