

SCHEDULE A  
SEWER SERVICE USER RATES

ADOPTED BY RESOLUTION No. 09-01-2015  
EFFECTIVE DATE: 09-28 \_\_\_\_\_, 20 15

A. RESIDENTIAL CUSTOMERS

1. Residential uses shall be those uses identified in Section C.1 Residential Use Classifications.
2. Each residential unit is charged a fixed rate of \$75.00 per month; based on the concept of uniform cost sharing and general availability of the sewer service being provided, regardless of actual occupancy per unit or water consumption of any given residence. This rate per customer is to cover the following:
  - a. The fixed costs of the Authority's debt service to PennVest,
  - b. The operation & maintenance and administration of the UTTSA sewage system,
  - c. The WFMSA debt service per Inter-municipal agreement
  - d. The WFMSA treatment of wastewater fees
3. Refer to SECTION D Anticipated Income / Expense Table for breakdown of charges.

B. NON-RESIDENTIAL CUSTOMERS, (Commercial & Industrial)

1. Non-Residential uses shall be those uses identified in Section C.2 Non-Residential Use Classifications.
2. Non-residential customers will be charged at minimum one (1) Equivalent Dwelling Unit (EDU) a base charge of \$75.00 per month with an additional charge based off of or calculated from standard sewage flows as set forth in 25 Pa. Code 73.17(a), or any successor section or water consumption. The base unit flows and consumption amounts will be as follows;
  - a. 0 to 12,000 gallons/month = \$75.00 per month
  - b. \$4.00 per 1000 gallons used over 12,000 gallons
    1. Example: A commercial / industrial customer uses 50,000 gallons of water in one month. The monthly user rate will be \$74.30 for the first 12,000 gallons and \$4.00 per 1000 gallons used above the 12,000 gallons. In this example there are 38,000 gallons additional used. Therefore  $\$4.00 \times 38 = \$152.00$ . The total monthly user rate =  $\$74.30 + \$152.00 = \$226.30$  per month

C. USE CLASSIFICATIONS

1. Residential Customers include, (Single Family Dwelling, Multi-Family, Apartment Unit, Mobile Home), occupied for residential purposes.
2. Non-Residential Customers include, (Commercial, Business, Retail, Institutional, Industrial).
  - a. Each non-residential applicant for connection to the sewer system shall submit to the Authority, in writing, an estimation of the proposed facility's maximum monthly water consumption, 12 consecutive months of monthly water consumption, and the basis for the estimates, along with documentation supporting the estimate. The Authority will review the estimate and once approved, the customer's monthly average water consumption to calculate gallons of water required will be used in generating the sewer service bill. Should water meter flow not be available, the Authority will use as a guide the following:
  - b. Sewage flows prescribed in Title 25, Environmental Protection, of the Pennsylvania Code, Chapter 73, Standards for Sewage Disposal, 73.17 Sewage Flows
  - c. Monthly water consumption of existing facilities of similar size and proposed use with appropriate peaking factors to estimate the maximum monthly water use.

D. ANTICIPATED INCOME/EXPENSE TABLE FOR UT TSA SEWER SYSTEM PROJECT

No.	Description	Expenses	Income
1	<b>PENNVEST AWARDED FUNDING AMOUNT</b>	\$9,350,000	
2	a. Awarded GRANT Amount	\$2,333,135	
3	PENNVEST LOAN DEBT (1)	\$7,016,865	
4	PENNVEST: Anticipated Monthly Payments to PennVest	\$22,569	
5	UT TSA: Operations, Maintenance and Administration (from line 21)	+ \$7,500	
6	Anticipated UT TSA Monthly Expenses	<b>\$30,068.58</b>	
7	Number of EDUs per Inter-Municipal Service Agreement	602	
8	Anticipated Monthly UT TSA User Rate per EDU (\$30,068.58 / 602)		\$49.95
9	Anticipated WFMSA Debt Service per Month per Agreement (2) (\$12.54 x 602)	\$7,549	
10	Anticipated WFMSA O&M & Treatment Charges Per Month (2) (\$12.50 x 602)	+ \$7,525	
11	Anticipated WFMSA Monthly Expenses	<b>\$15,074</b>	
12	Anticipated WFMSA User Rate for Debt Service and O&M		\$25.04
13	<b>Anticipated TOTAL Monthly User Rate per EDU for Residential Dwelling</b>		<b>\$75.00</b>

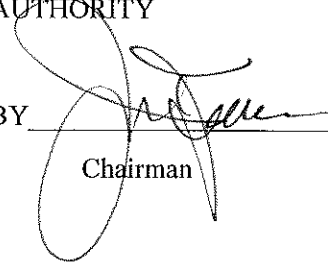
- 1 Total Loan Debt per Awarded PennVest Funding  
Based of WFMSA data. Debt Service = \$12.54/EDU and O&M = \$12.50/EDU and
- 2 Subject to change

<b>Upper Tyrone Anticipated ANNUAL Administration, Operations &amp; Maintenance</b>		
14	Salaries/Overhead/office admin supplies (Estimated)	\$40,000
15	Estimated Electric Bill per year	\$2,500
16	UT TSA system O&M (Outsourcing) (Estimated)	\$35,000
17	Engineering Fees (Estimated)	\$5,000
18	Legal (Estimated)	\$7,500
19		
20	<i>Upper Tyrone's Total YEARLY Estimated O&amp;M (not including WFMSA Charges) =</i>	<b>\$90,000</b>
21	<i>Upper Tyrone's Total MONTHLY Estimated O&amp;M (not including WFMSA Charges) =</i>	<b>\$7,500.00</b>

UPPER TYRONE TOWNSHIP SEWAGE  
AUTHORITY

ATTEST:

  
Secretary

BY   
Chairman

§ 73.17. Sewage flows.

(a) The flow figures in this subsection and subsection (b) are peak daily flows for the design of community onlot sewage systems. These flow figures are not intended to be used for the calculation of flows for the design of community sewerage systems or for the allocation of flows related to community sewerage systems. Design and permit sewage flows for a community sewerage system are to be calculated using the procedures established in the Department's "Domestic Wastewater Facilities Manual." The sewage flow from single family dwellings served by a community onlot sewage system or from apartments, rooming houses, hotels and motels served by an individual or community sewage system shall be determined from the following table:

<i>Type of Establishment</i>	<i>Gallons/Unit/day</i>	
<i>Residential</i>	<i>Gallons/unit BOD/unit</i>	
Hotels and motels	100	.30
Multiple family dwellings and apartments, including townhouses, duplexes and condominiums	400	1.13
Rooming houses (per unit)	200	.60
Single family residences	400*	.90

\*For units of 3 bedrooms or less; for each bedroom over 3, add 100 gallons.

(b) The sewage flow, which shall exclude any industrial waste, for nonresidential establishments served by an individual or community sewage system shall be determined from the following table:

<i>Type of Establishment</i>	<i>Gallons/day BOD/day</i>	
<i>Commercial</i>		
Airline catering (per meal served)	3	.03
Airports (per passenger—not including food)	5	.02

Airports (per employe)	10	.06
One licensed operator Beauty shops	200	—
Bus service areas not including food (per patron and employe)	5	.02
Country clubs not including food (per patron and employe)	30	.02
Drive-in theaters (not including food—per space)	10	.06
Factories and plants exclusive of industrial wastes (per employe)	35	.08
Laundries, self-service (gallons/washer)	400	2.00
Mobile home parks, independent (per space)	400	1.00
Movie theaters (not including food, per auditorium seat)	5	.03
Offices (per employe)	10	.06
Restaurants (toilet and kitchen wastes per patron)	10	.06
(Additional for bars and cocktail lounges)	2	.02
Restaurants (kitchen and toilet wastes, single-service utensils/person)	8.5	.03
Restaurants (kitchen waste only, single-service utensils/patron)	3	.01
Stores (per public toilet)	400	2.00
Warehouses (per employe)	35	—
Work or construction camps (semipermanent) with flush toilets (per employe)	50	.17
Work or construction camps (semipermanent) without flush toilets (per employe)	35	.02
<i>Institutional</i>		
Churches (per seat)	3	—
Churches (additional kitchen waste per meal served)	3	—