



**UTILITIES DEPARTMENT  
DIVISION OF WATER & WASTEWATER TREATMENT  
CITY OF DANVILLE, VIRGINIA**



**WATER & WASTEWATER RATE SCHEDULES & RIDERS**

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Rate Schedules Revised: July 1, 2015  
Rates Established by City Ordinance No. 2015-04.06, 2013-05.05, 2011-10.06, and 2009-05.15.  
Stated rates are effective for bills issued August 1, 2015 and after for all water and wastewater accounts.

## **Rate Making Authority**

Virginia Code Title 15.2, Chapter 21 authorizes local governments to operate public utilities.

The Danville City Council establishes utility rates, as authorized in City Code Chapter 2.

Code Chapter 2, Section 2-285 assigns to the Danville Utility Commission the responsibility for establishing such policies as non-consumption utility fees, utility extensions, service connection fees, and other general service policies not designated to the City Council or City Manager. Policies and procedures pertaining to standards and services are maintained in separate documents.

City Code Chapter 38, Utility Services, governs provision of utility services by the Danville Utilities Department.

Utility rates and charges are subject to change. Current copies of rate schedules are maintained at the Danville Public Library, 511 Patton Street, Danville, Virginia, in the City Clerk's Office, 4<sup>th</sup> Floor, Danville Municipal Building, 427 Patton Street, and on the internet via <http://www.danvilleutilities.com>.

Services of the Danville Utilities Department shall be applied fairly and consistently without regard to the customer's race, color, creed, sex, national origin or marital status.

## **Definitions**

All terms used herein are considered to have common public utility application. They are neither unique to the City of Danville, nor are they meant to be subjected to precise scientific definition.

Biological Oxygen Demand - Ultimate (BOD<sub>u</sub>) – Biological (or biochemical) oxygen demand is a measure of how much oxygen in the water will be required to digest the organic material in wastewater. BOD is the standard test used in assessing sewage strength. The Ultimate BOD is usually calculated for a duration of 28 days.

Biochemical Oxygen Demand (BOD<sub>5</sub>) - Biochemical oxygen demand is the amount of oxygen required for complete (aerobic) biological decomposition of a material. The standard laboratory method (BOD<sub>5</sub>) tests the amount of dissolved oxygen consumed in a closed aqueous system over a five-day period. It is a very common way of determining the impact of wastewater discharges on the receiving stream's dissolved oxygen level.

City – The City of Danville, Virginia.

Consumption – The amount of service used over a given period of time as measured by a meter.

Commercial User – Any non-residential user not included within the definition of an “industrial user” which is connected to the city’s sewer system.

Cubic Foot – The unit of water volume measured by a customer meter. One cubic foot equals approximately 7.5 gallons.

Consumption – The amount of service used over a given period of time as measured by a meter.

Customer – The individual, firm, or organization that purchases service at a specific location under a specific rate classification, contract, or rate schedule.

Customer Charge – The established fixed fee necessary to cover meter reading, billing, and other general service costs.

Customer Class – Specified category determined by the nature of the customer’s operations and type of service required.

Domestic Wastewater – Water used in homes (bathrooms and kitchens) that flows to the municipal wastewater treatment plant, via the wastewater collection system, for

treatment. Discharges from restaurants, cafeterias and other food service operations would also be considered domestic wastewater.

GPD – Gallons per day.

Industrial User – Any source of indirect discharge that introduces pollutants into the city's wastewater collection and treatment system from any non-domestic source regulated under the Clean Water Act, state law or local ordinance.

Industrial Water – Water treated to meet industrial process requirements usually defined to be water treatment to meet turbidity of five (5) NTUs or less.

Industrial Wastewater – Water used in various industry manufacturing processes that flows to the municipal wastewater treatment plant, through the wastewater collection system, for treatment.

mg/L – Milligrams per liter, also referred to as parts per million, is a unit of measure used when describing the concentration level of a substance in liquid. Limits for total suspended solids (TSS) or BOD<sub>5</sub> are expressed in mg/L.

Month - Not a calendar month, but instead the interval between successive regular meter reading dates. This can range from 26 to 35 calendar days.

Potable Water – Water that is safe and satisfactory for drinking and cooking.

Sewage – Human increment and gray water (household showers, dishwashing operations, etc.)

Total Suspended Solids (TSS) – TSS is classified as a conventional pollutant and is used to measure water quality. TSS concentrations of wastewaters are determined by filtering known volumes, drying the filters for a specific time and weighing the filter using an analytical balance as determined by the appropriate procedure in "Standard Methods." The mg/L concentration of TSS may be calculated from this method and used to evaluate the water quality. Wastewater plant discharge permits generally require a TSS limit.

Turbidity – A condition in the water caused by the presence of suspended matter, resulting in the scattering and absorption of light. Suspended solids that impart visible haze or cloudiness to water and can be removed by treatment. An analytical quantity usually reported in nephelometric turbidity units, determined by measurements of light scattering.

Unit – A measure of water and/or wastewater usage equal to 100 cubic feet.

Utility – Refers to the City of Danville Utilities Department, or any division thereof.

## **Schedule 1** **Water & Wastewater Service**

**APPLICABILITY:** To all customers

**MONTHLY RATE:** Customer service charges are made on the basis of meter size and are levied as minimums, whether or not there is any consumption.

Customer Charge by Water Meter Size	Water	Wastewater	Water & Wastewater
5/8"	\$ 8.85	\$ 14.00	\$ 22.85
1 "	22.13	34.75	56.88
1 1/2 "	44.25	70.50	114.75
2 "	70.80	113.00	183.80
3 "	141.60	229.00	370.60
4 "	221.25	362.00	583.25
6 "	442.50	720.00	1,162.50
8 "	708.00	1,160.00	1,868.00
Consumption Charge Per 100 Cubic Feet of Metered Water	\$2.40	\$2.58	\$4.98

For those residential customers with wastewater service only that have no meter, the wastewater only service for those few residential customers making use of it is assessed an estimated usage rate of 500 cubic feet per month, as follows:

Customer Charge	+	Five 100 Cubic Foot Consumption Units	=	Monthly Service Charge
\$14.00	+	\$12.90 (5 x \$2.58)	=	\$26.90

**MINIMUM CHARGE:** The minimum charge shall be the Water and Wastewater Customer Charge.

**STATE CHARGE:** For all customers connected to the City's water system, there shall be a monthly charge to cover the State of Virginia's Water Withdrawal/Waterworks Operations Fee that is assessed for each water connection. This fee is subject to adjustment annually.

**SPECIAL TERMS AND CONDITIONS:** For all customers connected to and/or use of the City sewer system for wastewater disposal that discharge strong waste as defined in City Code Chapter 34, there shall be special charges in addition to the regular minimum charges in the City's water and wastewater rate schedules. Wastewater rates noted herein shall apply for waste strength up to 300 milligrams per liter (mg/l) of BOD and suspended solids. When either or both the BOD and suspended solids exceeds 300 mg/l the charges shall be computed using the rates for "strong waste" as provided below:

Condition	Charge
BOD averages in excess of 300 mg/L for the designated monitoring period	\$300 per 1,000 lb. for the excess over 300 mg/L
TSS averages in excess of 300 mg/L for the designated monitoring period	\$240 per 1,000 lb. for the excess over 300 mg/L
Other non-compatible constituents not normally found in domestic wastewater which cause treatment problems and increase treatment cost	Actual costs of special treatment or handling required

For customers with special contracts for water and wastewater services the charges shall be as provided by the contract.

**LOCAL TAX ADJUSTMENT:** This rate is subject to the Local Tax Adjustment Rider, which is incorporated herein by reference.

**LATE PAYMENT CHARGE:** Unless bill is paid within fifteen (15) days from due date, or on or before expiration date as shown on bill, 1.5% will be added to the amount of the bill.

**RECONNECTION CHARGE:** There will be a charge for reconnection of services terminated because of non-payment of bills in accordance with Section 38-52 of the City Code.

**MISCELLANEOUS SERVICE CHARGES:** Charges for additional services provided shall be made on the basis of the "Miscellaneous Services" listing included in these Rate Schedules.

**SEASONAL SERVICE:** Customers whose operations are seasonal in nature may request that their Water service be disconnected after the end of an operating period to avoid payment of the minimum bill during the period of disconnection. However, a connection charge will be made at the beginning of each connection period. The connection charge amount shall be made on the basis of the “Miscellaneous Services” listing included in these Rate Schedules.

**TERM OF SERVICE:** Continuous until Customer notice

**Schedule 2**  
**Water Line, Fire Hydrant & Fire Protection Line Services**

**APPLICABILITY:** To all customers

**RATES & CHARGES:**

<u>Water Line Connections:</u>	<u>Charge</u>
Unpaved Subdivision Streets - 3/4" taps	\$ 740.00
All other 3/4" taps	1,500.00
Service connection fee (For use in reimbursable subdivision when developer paid contractor for tap installation.)	50.00

Taps larger than 3/4" shall be based on direct cost plus current percent fee added to recover supervision and overhead expenses for City jobbing work.

Fire Hydrant Service:

Interdepartmental fees charged to the Danville Fire Department per hydrant	\$ 10.39 per month
Hydrant Water Use	
Hook up fee	30.00
Water usage	
Under 5,500 gallons per day	14.00 per day
All gallons over 5,500 per day	@ "Schedule 1" water consumption rate

Fire Protection Line Service:

Hook up fee	\$ 30.00
Fire line use fee (Or metered water use @ "Schedule 1" water consumption rate, whichever is greater.)	3.74 Per diameter inch of fire protection line per month

Reserve Capacity Service:

	<u>Monthly Charge</u>
Water	\$ 6.12 Per thousand gallons per day reserved
Wastewater	6.57

Underground Leak Charge:

For properly certified water losses due to underground water line leaks, the charge shall be for the water lost. Water service only will be calculated on the basis of fees in Schedule 1 for the amount of water certified as excess use due to the underground leak. Wastewater service will not be charged for the excess volume of water lost in the underground leak.

**LOCAL TAX ADJUSTMENT:** This rate is subject to the Local Tax Adjustment Rider, which is incorporated herein by reference.

**LATE PAYMENT CHARGE:** Unless bill is paid within twenty (20) days from due date, or on or before expiration date as shown on bill, 1.5% will be added to the amount of the bill.

**RECONNECTION CHARGE:** There will be a charge for reconnection of services terminated because of non-payment of bills in accordance with Section 38-52 of the City Code.

**MISCELLANEOUS SERVICE CHARGES:** Charges for additional services provided shall be made on the basis of the "Miscellaneous Services" listing included in these Rate Schedules.

**TERM OF SERVICE:** Continuous until Customer notice

### **Schedule 3** **Wastewater Dumping Service**

**APPLICABILITY:** To all licensed wastewater haulers

**RATES & CHARGES:** Dumping fee for all tank trucks discharging wastewater (including waste from septic tanks, chemical toilets, holding tanks, and permitted industrial sites) at designated dumping points at Wastewater Treatment Plant:

<b>Truck Load Volume</b>	<b>Charge</b>
Per truck load up to 500 gallons	\$17.00
Per 100 gallons or fraction thereof for all wastewater in excess of 500 gallons	\$4.00

The above rates are based on each truck load's volume hauled and shall apply for waste strengths **less than 15,000 mg/L** of BOD and/or total suspended solids (TSS).

High strength wastewater is usually levied a surcharge when BOD and/or TSS concentrations exceed 300 mg/L. Due to the very high strength nature of wastes hauled by tanker truck to the plant, BOD and TSS concentrations in excess of 15,000 mg/L are used to trigger the Strong Waste Surcharge fee.

When a truck load's waste strength for BOD and/or TSS **exceeds 15,000 mg/L**, Strong Waste Surcharges shall be levied using the following rates:

<b>Condition</b>	<b>Rate</b>	<b>Strong Waste Surcharge</b>
When truck waste BOD measures >15,000 mg/L	\$300 per 1,000 /lb.	For BOD in excess of 300 mg/L
When truck waste TSS measures >15,000 mg/L	\$ 240 per 1,000 /lb.	For TSS in excess of 300 mg/L
Other non-compatible constituents not normally found in domestic wastewater which cause treatment problems and increases treatment cost	To be determined	Actual costs of special treatment or handling required

**LOCAL TAX ADJUSTMENT:** This rate is subject to the Local Tax Adjustment Rider, which is incorporated herein by reference.

**LATE PAYMENT CHARGE:** Unless bill is paid within twenty (20) days from due date, or on or before expiration date as shown on bill, 1.5% will be added to the amount of the bill.

**MISCELLANEOUS SERVICE CHARGES:** Charges for additional services provided shall be made on the basis of the "Miscellaneous Services" listing included in these Rate Schedules.

### **Schedule 4** **Industrial Water Service**

**APPLICABILITY:** To all industrial customers, except those with specific contracts for service

**MONTHLY RATE:** Customer service charges are made on the basis of meter size and are levied as minimums, whether or not there is any consumption.

<u>Customer Charge By Water Meter Size:</u>	<u>Water Service Charge</u>	<u>Wastewater Service Charge*</u>
2 "	\$ 70.80	\$ 113.00
3 "	141.60	229.00
4 "	221.25	362.00
6 "	442.50	720.00
8 "	708.00	1,160.00
Consumption Charge Per 100 Cubic Feet of Metered Water	Calculated on the actual cost of production	

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\* Applied if wastewater is discharged to City's sewers.

**MINIMUM CHARGE:** The minimum monthly charge shall be the Customer Charge.

**SERVICE CONNECTION FEES:** Charges for service connections shall be based on direct cost plus current percent fee added to recover supervision and overhead expenses for City jobbing work.

**SPECIAL TERMS AND CONDITIONS:** Customers with specific contracts for service shall be charged as provided by the contract.

**LOCAL TAX ADJUSTMENT:** This rate is subject to the Local Tax Adjustment Rider, which is incorporated herein by reference.

**LATE PAYMENT CHARGE:** Unless bill is paid within twenty (20) days from due date, or on or before expiration date as shown on bill, 1.5% will be added to the amount of the bill.

**RECONNECTION CHARGE:** There will be a charge for reconnection of services terminated because of non-payment of bills in accordance with Section 38-52 of the City Code.

**MISCELLANEOUS SERVICE CHARGES:** Charges for additional services provided shall be made on the basis of the "Miscellaneous Services" listing included in these Rate Schedules.

**TERM OF SERVICE:** Continuous until Customer notice

### Miscellaneous Services

**GENERAL SERVICES:** Danville Utilities provides a variety of services at the customer's request. Except as otherwise noted, fees are established by the Danville Utility Commission. Services are charged on the basis of the following fees:

Miscellaneous Services	Fees
Returned Check/Draft Charge	\$ 50.00 *
Service Initiation Fee (gas and/or water) <i>(location with inactive services)</i>	\$ 40.00
Service Transfer Fee <i>(location with active services)</i>	\$ 10.00
Bill Analysis Charge	\$ 10.00
Delinquent Payment Fee	\$ 50.00
Late Payment Penalty	1.5%
Security Deposit	2 x Average Month's Bill

### Water Services

Water Service Call	\$ 30.00
Water Service Call -- After Hours	\$ 60.00
Turn On Water Service - Seasonal	\$ 30.00
Turn Off Water Service - Seasonal	\$ 30.00
Field Investigation – Water Meter	\$ 60.00
Water Service Restoration – Non-Pay	\$ 50.00
Unauthorized Meter Operation	\$ 150.00
Removal of Unauthorized Meter	\$ 150.00
Water Meter Replacement	\$ 150.00
Water Tap -- 3/4"	\$ 1,500.00
Water Tap – All Other Sizes	Actual Cost
Bacteria Test	\$ 35.00

Sewer Tap Services

4-inch on Outfall Main Line	\$ 500.00
4-inch Base Fee (less than 50 ft Right of Way [R/W])	\$ 1,200.00
4-inch 51-60 ft R/W	\$ 1,500.00
4-inch 61-70 ft R/W	\$ 1,750.00
4-inch 71-80 ft R/W	\$ 2,000.00
4-inch over 80 ft R/W	\$ 2,000.00
<i>each additional foot over 80 ft</i>	\$ 50.00
6-inch Base Fee	\$ 2,000.00
<i>plus per foot</i>	\$ 9.00
8-inch Base Fee	\$ 2,000.00
<i>plus per foot</i>	\$ 15.00
Manhole 0-6 ft in depth	\$ 1,450.00
Manhole - each additional foot greater than 6 ft in depth	\$ 145.00
Second connection in common ditch per foot	\$ 10.00
Angle Sewer Connection (Plus Base Fee)	\$ 50.00

**REGULATORY SERVICES:** City Code Chapter 34 requires that certain industries participate in the industrial wastewater pretreatment and other regulatory programs to comply with Virginia Department of Environmental Quality and the U.S. Environmental Protection Agency standards. The schedule of applicable fees shall be as follows:

----- Service -----	----- Fee -----
Significant Industrial user (SIU) Permit Application	\$ 400.00
Permit Fee (if separate from application fee)	\$ 150.00
SIU Permit Renewal	\$ 200.00
Non-SIU Permit Application	\$ 150.00
Non-SIU Permit Renewal	\$ 100.00
General Administration Fee	\$ 100.00 per Qtr.

Service	Fee
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(Quarterly fee for monitoring and administering Pretreatment Program)	
Automatic Charge for Notice of Violation (NOV)	\$ 50.00
Automatic Charge for Administrative Order (AO)	\$ 100.00
Inspection of Industry	\$ 40.00
Permit Modification	\$ 50.00
SIU for Significant Non-Compliance for "Public Notice"	\$ 250.00
Permit Applications	
Haulers	\$ 27.50 per 2 years
Industrial/Commercial	\$ 55.00

**LOCAL TAX ADJUSTMENT:** This rate is subject to the Local Tax Adjustment Rider, which is incorporated herein by reference.

**LATE PAYMENT CHARGE:** Unless bill is paid within fifteen (15) days from due date, or on or before expiration date as shown on bill, 1.5% will be added to the amount of the bill.

### **Local Tax Adjustment Rider**

When the City of Danville is or becomes liable to any political jurisdiction for any gross receipts tax, franchise tax, excise tax, privilege tax, use tax, or any other like charges against its real and/or personal property, or its operation, or its provision of water and wastewater treatment services, or services provided to the City's Customers within that jurisdiction, the amount of such tax, fee or charge shall be added, pro rata, to the bills of said Customers for service rendered within said jurisdiction. This process will thereby prevent Customers not taking service in said jurisdiction from being compelled to share such local taxes. Such tax adjustments shall be shown on the bills of Customers affected as "Tax Adjustment".

When a tax is levied on the Customer's consumption of utility service by any governmental authority or political subdivision, it may be collected by the City and transferred to the appropriate body. This local excise tax shall be shown on the bills of Customers affected as "Consumer Tax".