

AGENDA ITEM
December 17, 2013

Subject: Amendments to Chapter 28 Sewer and Sewage Disposal

Department: Sewer Collection

The attached ordinance presents service charges related to the City of Nevada's sewer system. Proposed rates are necessary to pay for operating costs and to build reserve funds. Reserve funds are necessary to replace sewer mains and equipment that are vital to maintaining the integrity of the system.

Section 28-54.1 recommends an annual rate adjustment. The minimum amount would be based on the Consumer Price Index.

	<u>Current</u>	<u>Proposed</u>
Sewer:		
1st 1,000 gallons	10.00	12.00
Per 1,000 gallons	4.70	5.64
Pressure pump	15.00	18.00
1st 1,000 gallons outside city	10.00	13.20
Per 1,000 gallons outside city	4.70	6.21
Pressure pump outside city	15.00	20.00
Taps:		
Sewer Tap Residential	500.00	600.00
Sewer Tap Commercial	1,000.00	1,200.00
Sewer Tap Industrial	2,000.00	2,400.00
Sewer Re-Tap	150.00	180.00
Sewer Tap Residential outside city	1,500.00	1,800.00
Sewer Tap Commercial outside city	3,000.00	3,600.00
Sewer Tap Industrial outside city	6,000.00	7,200.00
Sewer Re-Tap outside city	150.00	198.00

**A GENERAL ORDINANCE OF THE CITY OF NEVADA, MISSOURI, AMENDING
CHAPTER 28 OF THE NEVADA CITY CODE PERTAINING TO SEWERS AND
SEWAGE DISPOSAL**

**BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF NEVADA, MISSOURI,
THAT:**

Section 1. Section 28-40 of the Nevada City Code is hereby amended to read as follows:

Section 28-40. Connection charges to sewerage system.

(a) Connections within the city limits

- (1) Residential properties within the city shall be connected to the public sewer system at the expense of the owner upon payment of a tap or connection charge at a rate of \$600.00, plus any connection cost as described in Section 28-29, for each dwelling unit. The owner, his agent or lessee shall also pay a sewer use fee as outlined in Section 28-54.
- (2) Commercial and nonresidential properties within the city shall be connected with the public sewer system at the expense of the owner upon payment of a tap or connection charge at the rate of \$1,200.00 plus any connection cost as described in Section 28-29, for each commercial or nonresidential unit. The owner, his agent or lessee shall also pay a sewer use fee as outlined in Section 28-54.
- (3) Industrial properties within the city shall be connected to the public sewer system at the expense of the owner upon the payment of a tap or connection charge at the rate of \$2,400.00 plus the actual cost as described in section 28-29. The owner, his agent or lessee shall also pay to the city a monthly sewer treatment charge based on water consumption.

(b) Connections outside the city limits

- (1) Residential property outside the city, upon approval of the City Council, may be connected to the public sewer system at the expense of the owner upon payment of a tap or connection charge at the rate of \$1,800.00 plus any connection cost as described in Section 28-29, for each dwelling unit. The owner, his agent or lessee shall also pay to the city a monthly sewage treatment charge based on water consumption, which will be obtained from the water service provider.

- (2) Commercial or nonresidential properties outside the city, upon approval of the City Council, may be connected to the public sewer system at the expense of the owner upon payment of a tap or connection charge at the rate of \$3,600.00 plus any connection cost as described in Section 28-29. The owner, his agent or lessee shall also pay to the city a monthly sewer treatment charge based on water consumption, which will be obtained from the water service provider.
- (3) Industrial properties outside the city, upon approval of the City Council, may be connected to the public sewer system at the expense of the owner upon payment of a tap or connection charge at the rate of \$7,200.00 plus any connection cost as described in Section 28-29. The owner, his agent or lessee shall also pay to the city a monthly sewer treatment charge based on water consumption, which will be obtained from the water service provider.

(c) *Reconnections*

- (1) Property previously connected to the public sewer system may be reconnected at the expense of the owner upon payment of a minimum re-tap charge for labor and materials.
 - (a) Inside city limits \$180.00
 - (b) Outside city limits \$198.00

Section 2. Section 28-54 of the Nevada City Code is hereby amended to read as follows:

Section 28-54. Amount of sewer service charge

- (a) **General.** The monthly rates required and which shall be charged and collected by the City of Nevada, Missouri, for the use and services of the city's sewer system shall be based upon the average of water used during the months of November through March for the residential consumer, monthly usage for the commercial consumer, or at the option and cost of the commercial consumer, upon metered sewerage discharge determined by application of the rates established in this section.
- (b) **Basic rate – Residential non-metered sewerage discharge.** The basic monthly rate for non-metered sewerage discharge shall be based upon the average of water used during the months of November through March, consumed from the City's supply on premises, as follows:

- (1) *Inside city limits:*

- (a) First 1,000 gallons or fraction thereof, a minimum charge of twelve dollars (\$12.00) per month.
- (b) Based on the average of water consumed, a charge of five dollars and sixty-four cents (\$5.64) per 1,000 gallons for consumption exceeding the first 1000 gallons, computed to the nearest 100 gallons.

(2) *Outside city limits:*

- (a) First 1,000 gallons or fraction thereof, a minimum charge of thirteen dollars and twenty cents (\$13.20) per month.
- (b) Based on the average of water consumed, a charge of six dollars and twenty-one cents (\$6.21) per 1,000 gallons for consumption exceeding the first 1000 gallons, computed to the nearest 100 gallons.

(c) **Basic rate - Commercial non-metered sewerage discharge.** The basic monthly rate for non-metered sewerage discharge shall be based upon the water consumed monthly from the city's supply on premises, as follows:

(1) *Inside city limits:*

- (a) First 1,000 gallons or fraction thereof, a minimum charge of twelve dollars (\$12.00) per month.
- (b) Based on monthly water consumed, a charge of five dollars and sixty-four cents (\$5.64) per 1,000 gallons for consumption exceeding the first 1000 gallons, computed to the nearest 100 gallons.

(2) *Outside city limits:*

- (a) First 1,000 gallons or fraction thereof, a minimum charge of thirteen dollars and twenty cents (\$13.20) per month.
- (b) Based on monthly water consumed, a charge of six dollars and twenty-one cents (\$6.21) per 1,000 gallons for consumption exceeding the first 1000 gallons, computed to the nearest 100 gallons.

(d) **Basic rate – Commercial metered sewerage discharge.** The basic monthly rate for metered sewerage discharge shall be based upon the quantity of metered liquid discharged to the sewerage system. Said metering apparatus shall be installed and maintained by the commercial customer and meet specifications and periodic test criteria for accuracy imposed by the municipality. This rate shall be made available to commercial customers that meet the metering requirements and whose water use substantially exceeds the volume of sewerage discharged. The basic rate for commercial metered sewerage shall be as follows:

(1) *Inside city limits:*

- (a) First 1,000 gallons or fraction thereof, a minimum charge of twelve dollars (\$12.00) per month.
- (b) Based on monthly water consumed, a charge of five dollars and sixty-four cents (\$5.64) per 1,000 gallons for consumption exceeding the first 1000 gallons, computed to the nearest 100 gallons.

(2) *Outside city limits:*

- (a) First 1,000 gallons or fraction thereof, a minimum charge of thirteen dollars and twenty cents (\$13.20) per month.
- (b) Based on monthly water consumed, a charge of six dollars and twenty-one cents (\$6.21) per 1,000 gallons for consumption exceeding the first 1000 gallons, computed to the nearest 100 gallons.

Section 3. Section 28-54.1 of the Nevada City Code is hereby amended to read as follows:

Section 28-54.1 Review of sewer service charge.

The city shall review the sewer service charge system annually and revise the sewer service charges as necessary to ensure that the system generates adequate revenues to pay the costs of operations and maintenance including replacement and that the system continues to provide for the proportional distribution of operation and maintenance including replacement costs among users and user classes.

- (a) Unless otherwise indicated and at a minimum, it is recommended that rates will be modified annually, effective January 1, by the amount equal to the September 30 Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI -W), "All Items", Midwest Region, percent change from September 30, previous year.
- (b) The city will notify each user at least annually, in conjunction with a regular bill, of the rate being charged for operation and maintenance including replacement of the treatment works.

Section 4. Section 28-113 of the Nevada City Code is hereby amended to read as follows:

Section 28-113. Pressure sewer systems

- (a) Definitions. The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

Grinder pump sewer system means an individual pressurized unit consisting of grinder pumps, tanks, piping and electrical connections that grind and pump sewage into a common forced main in which pressure from one or more individual units is used to convey sewage to gravity sewer mains.

Septic tank effluent pumping (STEP) system means a facility consisting of a tank for settling and digesting wastewater solids, and a pressure piping system for conveying the supernatant liquid into the sewer system.

- (b) Permits. Pressure sewer systems, including STEP systems or grinder pump sewer systems can only be used within the boundaries of the city when approved by a permit issued by the building inspector. The building inspector shall not approve permits for the use of pressure sewer systems when service could be provided from an existing gravity flow sewer main within 300 feet from the facility to be served by the proposed grinder pump sewer system. The building inspector shall specify the specific makes and models of STEP systems and grinder pump systems to be purchased to ensure that all pumps that may be purchased are compatible with other pressurized sanitary sewer systems used in the city sanitary sewer system and maintained by the city.
- (c) Limitation. Only sanitary wastewater shall be discharged into pressure sewer systems. Roof drains and other storm water sources shall be strictly excluded from pressure sewer systems.
- (d) Operation, maintenance and repair. Operation, maintenance and repair of entire individual pressure sanitary sewer systems, including force mains, motors, pump units and appurtenances, shall be the responsibility of the city. Such pressure sanitary sewer systems, including common force mains, shall be dedicated to the city for maintenance and an easement of 15 feet surrounding said pumps and common force main should be dedicated to the city. Owners of the property served by the pressure sanitary sewer systems shall be responsible for operation and maintenance of the inlet pipes leading from building served to pressure sanitary sewer systems, for provisions of electrical power to grinder pump systems or STEP systems, and for funding of services to pump out septic tanks at times specified by the building inspector.
- (e) Alarms. All pressure sanitary sewer systems shall be equipped with alarm systems to notify property occupants when their pressure sanitary sewer systems stop operating. Property occupants shall be responsible for notifying the city street department when their alarms are activated. Property occupants shall be responsible for curtailing water usage until city forces responds to the customers' notifications. The city will assume no responsibility for damages resulting from any plumbing backups, such as those that occur when water usage is not curtailed during an alarm condition or when the property occupant disables the alarm.

- (f) Emergency power. The city shall be responsible for maintaining mobile generators or pumps to connect to each building served by a pressure sewer system for a short period of time during extended electrical outages due to power failure. The numbers of units maintained by the city shall meet the requirements of 10 CSR 20-8, chapter 8

- (g) Fees. A monthly fee shall be paid by all property occupants who have pressure sewer systems. This charge shall cover the additive city costs necessary to operate, maintain and repair pressure pump systems including the maintenance of adequate backup pumps and the provision of emergency power. This fee shall be in addition to any other water and sewer fees charged to these customers.
 - (1) Inside city limits \$18.00
 - (2) Outside city limits \$20.00

Section 5. The terms of this Ordinance shall be effective and applicable to all billings beginning January 21, 2014. The terms of the previous ordinances shall be in full force and effect until January 20, 2014.

PASSED, APPROVED AND ADOPTED by the City Council of the City of Nevada, Missouri, this 7th day of January, 2014.

(seal)
ATTEST:

Seth Barrett, Mayor

Bev Baker, City Clerk