

CHAPTER 5

WATERWORKS AND SEWAGE SYSTEM

5.01 COMBINED WATERWORKS AND SEWAGE SYSTEM. (a) Findings. 1. The Village of Richmond, McHenry County, Illinois, now owns and operates a waterworks supply and distribution system of the following general description:

All those waterworks supply and distribution systems and facilities situated within the corporate limits of the Village of Richmond, and has good and merchantable title to all property, real, personal and mixed, comprising the waterworks supply and distribution system.

2. The village now owns and operates a sanitary sewerage system of the following general description:

All those sanitary sewerage system facilities, sewers, buildings and equipment situated within the corporate limits of the Village of Richmond, and have good and merchantable title to all property, real, personal and mixed, comprising said sanitary sewerage system.

3. It is deemed advisable, necessary and for the best interests of this village that the waterworks supply and distribution system and the sanitary sewerage system be combined into a single utility, pursuant to the provisions of Division 139 of Article 11 of the Illinois Municipal Code.

4. It is hereby found, determined and declared necessary for the best interest of this village that the existing waterworks supply and distribution system of the village and the existing sanitary sewerage system as hereinabove in the preambles of this section more fully described be combined into a single utility to be known and designated as the combined waterworks and sewerage system of the Village of Richmond.

(b) Property. All property, real, personal and mixed, comprising the now existing waterworks supply and distribution system and sanitary sewerage system as hereinabove in the preamble of this section more fully described, be, and the same is, hereby found, determined and declared to constitute the properties of the combined waterworks and sewerage system of the village.

(c) Combined System. The existing waterworks supply and distribution system and the existing sanitary sewerage system shall hereafter be owned and operated by this village as a combined utility, known as the combined waterworks and sewerage system of the village, and all improvements and extensions to said waterworks and sewerage system, either or both, shall be considered as improvements and extensions to said combined utility; and all the properties, assets, obligations and liabilities of all kinds of the waterworks supply and distribution system and of the existing sanitary sewerage system, existing, outstanding and accruing or to accrue, shall be held, used, confessed and acknowledged as the properties, assets, obligations and liabilities of the combined utility.

5.02 COMBINED WATER AND SEWER RATES ESTABLISHED.

(a) Findings. 1. There was duly passed and approved at a regular meeting of the Board of Trustees of the Village of Richmond, held July 6, 1971, Ordinance No. 1971-10 entitled "An Ordinance Providing for the Combination of the Existing Waterworks System and the Existing Sanitary Sewerage System of the Village of Richmond, McHenry County, Illinois, into a Combined Waterworks and Sewerage System," the provisions of which are set forth in Section 5.01 of this chapter.

2. The village now owns and operates the combined waterworks and sewerage system (hereinafter referred to as "the system") in accordance with the provisions of Division 139, Article 16 of Chapter 24, of the Illinois Municipal Code.

3. Prior to the original passage of the provisions contained in this chapter compensation for the sewerage part of the system was charged and rates established therefor under one ordinance, and for the use of the water part of said system under another ordinance.

4. It is necessary to combine such charges and rates, and to charge a reasonable compensation for the use and service of the system and establish rates for that purpose so as to provide sufficient revenue at all times to (1) pay the cost of operation and maintenance of the system, (2) provide an adequate depreciation fund, and (3) pay the principal of and interest upon all revenues bonds issued by virtue of said Division 139. Therefore the following provisions of this chapter are adopted.

5.03 WATER AND SEWER RATES.

(a) Water Service. Each non-residential dwelling building or parcel of unimproved real estate upon which there is one or more water faucets or pumps and each residential dwelling unit that uses or is connected to the water part of the system is hereby deemed to be a user for purposes of computing rates and charges for the use of the water part of the system. The rates for use and service of the water part of the system are as follows:

1. For the first 5,000 gallons or less \$ 14.07 quarterly
(Ord. 2016-16; dated 6/2/16)
2. Over 5,000 gallons, cost per 1,000 gallons \$.43900 quarterly
(Ord. 2016-16; dated 6/2/16)
3. ****For each additional user of water attached to a metered unit the rate shall be as follows:**
N-1 x \$30.00 per quarter, plus rate for metered gallonage, where N=the total number of users attached to a meter. Rate shall not be subject to annual adjustment based on the Consumer Price Index
(Ord. 2003-21; Amended Ord. 2011-02)
4. For each turn on of the water supply to such user \$ 65.00
(Ord. 2012-14)
5. Any user of the Village of Richmond water system not located within the corporate boundaries of the village shall pay an amount equal to two hundred percent (200%) of the current rate in addition to the current rate for all water used. *(Ord. 2002-7)*

(b) Turning on Water. No water supply may be turned on except under the supervision of the Village Building Inspector, and anyone who turns on the water supply without such supervision is guilty of a misdemeanor and shall be subject to the penalty provided for violation of this code.

(c) Sewer Service. Each dwelling unit and each business, industrial, church, educational or other building using the sewerage part of the system is hereby deemed to be a user for purposes of computing rates and charges for the use of the sewerage part of the system. The quarterly rates for use and service of the sewerage part of the system are as follows: *(Ord. 2012-14)*

1. For each domestic metered user who discharges domestic wastes only the rate shall be \$9.40088 per 1,000 gallons, after a minimum billing of 5,000 gallons or \$76.84 *(Ord. 2016-16; dated 6/2/16)*
2. For each industrial user who discharges industrial wastes the rate shall be as follows:

$$\begin{aligned} \text{Rate} &= \$2.52 (V) + \$0.00170648 (XBOD-200) (V) \\ &+ \$0.000684648 (XS.S.-260) (V) \\ &+ \$0.00984824 (XP-9) (V) \\ &+ \$15.42 (NS) \end{aligned}$$

where

- V = Metered water usage in thousand of gallons.
- XBOD = Concentration in mg/l of BOD in industrial discharge, which must be greater than 200 or no charge for BOD is made.
- XSS = Concentration in mg/l of suspended solids in industrial discharge, which must be greater than 260 or no charge for suspended solids is made

****For purposes of this section, the term, "each additional user of water attached to a metered unit" shall be defined as the following: A dwelling unit or commercial space that is separate and distinct from the metered unit. The dwelling unit or commercial space shall contain features that enable it to support a separate use or tenant including independent ingress/egress to the unit and plumbing fixtures. (Ord. 2010-01)**

- XP = Concentration of mg/l of phosphorous as phosphorous in industrial discharge, which must be greater than 9 or no charge for phosphorous is made.
- NS = Number of samples collected for analysis from industrial discharger during billing period. The \$35 charge per sample is to defray the cost of collection and analysis.

3. If any user of the sewerage part of the system has a well and does not use the water part of the system, the village, at its option, may require the owner to furnish and install an approved water meter at the well pump discharge to monitor the water usage for sewer charges under paragraphs 1 and 2 above or it may charge the following rates:

- (i) For each dwelling unit, \$108.20 per quarter (*Ord.2015-01*)
- (ii) For each business, church, educational or other building, \$108.20 per quarter. (*Ord. 2015-01*)
- (iii) For each industrial user who has only sanitary convenience wastes, \$3.99 per employee per quarter or \$108.20, whichever is greater? (*Ord. 2015-01*)
- (iv) For each industrial user who has industrial wastes, the installation of an approved water meter will be required at the expense of the industry and the rates shall be as outlined in paragraph 2 above.

4. Industrial Cost Recovery Program. Each industrial user who discharges into the Village Sewage Treatment Plant shall be required to participate in the Industrial Cost Recovery Program.

An industrial user shall be defined in accordance with the Federal Register, Volume 38, No. 161, August 21, 1973, Paragraph 35.905-19, as follows:

"Any non-governmental user of publicly owned treatment works identified in the Standard Industrial Classification Manual, 1972 Office of Management and Budget, as amended and supplemented, under the following divisions:

- A. Division A - Agriculture, Forestry and Fishing
- B. Division B - Mining
- C. Division C - Manufacturing
- D. Division D - Transportation, Communications, Electric, Gas and Sanitary Services
- E. Division E - Services

A user in the Divisions listed may be excluded if it is determined that it will introduce primarily segregated domestic wastes or wastes from sanitary conveniences."

Those industries which are included in any of the above Divisions and which discharge any process wastes shall be classified as industrial users for cost recovery purposes. Process wastes shall be any discharge to the sewer system resulting from other than segregated domestic wastes or wastes from sanitary conveniences.

In addition, any other industry which discharges to the sewer any wastes in excess of any of the following limits shall be classified as an industrial user for cost recovery purposes, to-wit:

- (i) 20 gallons per employee per day.
- (ii) An average BOD strength in excess of 200 mg/l.
- (iii) An average suspended solids strength in excess of 260 mg/l.

(iv) An average phosphorous concentration as phosphorous in excess of 9 mg/l.

5. Industrial Cost Recovery Charges. Each industry required to participate in the Industrial Cost Recovery Program will be sampled monthly for BOD, suspended solids (S.S.) and phosphorous (P) and the results of these monthly samples will be averaged quarterly.

The quarterly average concentrations will be used to ascertain the population equivalent (P.E.) of their load on the plant as follows:

- (i) Hydraulic P.E. = 0.1111 (V)
- (ii) BOD P.E. = 0.0005444 (V) (BOD conc. in mg/l)
- (iii) S.S. P.E. = 0.0004207 (V) (S.S. conc. in mg/l)
- (iv) P. P.E. = 0.01234 (V) (P conc. in mg/l)

Where V = Volume of water used in 1,000's of gallons.

The larger of the above P.E.'s will be used and is designated as the "P.E. of the discharge".

The quarterly charge per P.E. will be that ratio which the total and final amount from United States Environmental Protection Agency Grant No. C170660 bears to 372,000, that is:

$$\text{Quarterly Charge per P.E.} = \frac{\text{Total Final Grant Amount}}{372,000}$$

The quarterly billing for industrial cost recovery will then be an amount equal to the quarterly charge per P.E. times the P.E. of the discharge, that is:

$$\text{Quarterly Bill} = (\text{Quarterly charge per P.E.}) \times (\text{P.E. of the discharge})$$

6. Any user of the Village of Richmond sewer system not located within the corporate boundaries of the village shall pay an amount equal to two hundred percent (200%) of the current rate in addition to the current rate for all sewer services used. (Ord. 2002-7)

7. **For each additional user of sewer attached to a metered unit the rate shall be as follows: N-1 x \$35.00 billed per quarter, plus rate for metered gallonage, where N=the total number of users attached to a meter Rate shall not be subject to annual adjustment based on the Consumer Price Index. (Ord. 2003-21; Amended Ord. 2011-02)

****For purposes of this section, the term, "each additional user of sewer attached to a metered unit" shall be defined as the following: A dwelling unit or commercial space that is separate and distinct from the metered unit. The dwelling unit or commercial space shall contain features that enable it to support a separate use or tenant including independent ingress/egress to the unit and plumbing fixture. (Ord. 2010-01)**

5.04 WATER AND SEWERAGE SERVICE BILLS. The Village Clerk or Collector or their designee shall render bills for system charges quarterly on the first day of February, May, August and November of each year. All bills are due and payable on or before 21 days after billing, and if not then paid, there shall be added to the net bill a collection charge of 10% and 1 ½ % per month for each additional month the bill remains unpaid. All bills shall be designated as "Village of Richmond Combined Water and Sewage Service System Quarterly Bill", and there shall be shown on such information, including actual or estimated gallonage charges for each service so as to reasonably apprise the user. The owner or owners of all properties being serviced shall be jointly and severally liable for all system charges. Estimated bills shall be rendered based on

the average gallonage used for such property for the previous 4 billing periods or, in the event no actual meter readings are available for the property being serviced, the average of any previous meter readings.
(Ord. 2003-21)

In the event that any property being serviced is sold, it shall be the responsibility of the new owner to request that the Village take an actual meter reading for the property at closing or as soon thereafter as practicable, for the purpose of assessing the liability of the former owner and the new owner. Such request shall be made in writing to the Village Clerk, no later than 3 days prior to the time requested for such meter reading, excluding Saturdays and Sundays. The Village Clerk or Collector or their designee, shall thereafter render bills to the new and old owners of the property being serviced, with the liability for the service being divided, pro rata, as of the date of the meter reading so requested. In the event that a new owner fails to request an actual meter reading as per the above, the new owner and the old owner shall be jointly and severally liable for all system charges incurred from the date of the last actual meter reading prior to the sale of the property to the next actual meter reading following the sale of the property.

5.05 NONPAYMENT OF BILLS; LIEN.

(a) Shutting Off Water Supply. The water supply may be shut off to any premises or building of any user thereof for which the system bill or part thereof remains unpaid for 30 days after the bill is transmitted by the U.S. Mail to the user for payment thereof. When shut off, the supply shall not be turned back on except upon payment of the bill, payment of the fee for turning on the water, conformity with all other applicable provisions of this chapter including Section 5.08, and payment of all expenses and costs incurred in shutting off the water. Prior to shutting off the water, the village shall cause a notice to be sent to the user and owner at the address of the premises being serviced. Said notice shall be sent by First Class US Mail and a proof of service shall be filed in the office of the Village Clerk. A copy of the notice shall also be personally served upon any occupant or user of the premises over the age of 12 years or by posting a copy of the notice on the premises. For purposes of notice the owner, if unknown, may be named as owner. (Ord. 2004-17)

(b) Lien. The village shall have a continuing lien upon the real estate which is served by either part or both parts of the system for all service rates, charges or benefits accruing by reason of the provisions of this Chapter. Every such lien shall, upon compliance with the conditions hereinafter set forth, be prior and superior to the rights and interest of creditors, encumbrances, purchasers or other parties in interest in the premises.

(c) Filing Lien. Such lien may be preserved and enforced in the following manner: The Village Clerk shall, within one year after the accrual of such rates, charges or benefits, file with the Recorder of Deeds of McHenry County a claim for lien, verified by the affidavit of the officer or other officer of the village having knowledge of the facts. The affidavit shall consist of a brief statement of the facts of the claim, the balance due after allowing all credits, and a sufficiently correct description to reasonably identify the premises. No such lien shall be defeated or invalid because such system service was used or contracted for by a tenant or occupant of the premises other than the owner thereof.

(d) Foreclosure of Lien. If payment shall not be made for system service rates, charges or benefits when due, the village may file a petition or a bill in the Circuit Court of the 19th Judicial Circuit of McHenry County for foreclosure of such lien, or, upon becoming a defendant in any pending suit affecting the same lands or property, by answer to the bill or petition in the nature of an intervening petition, or by a cross bill, and the village may proceed in its corporate name to foreclose such lien in like manner and with like effect as provided by law for foreclosure of mortgages. Suit shall be commenced, or answer or cross bill filed, within two years after the accrual of such system, service rates, charges or benefits.

(e) Other Remedies. The remedy provided in this section shall not abridge or interfere with the right and power of the village to enforce the collection of any amounts due to it by an action at law or otherwise.

5.06 REVISION OF RATES. The sewerage service rates or the water service rates, or both, shall be revised from time to time by the Board of Trustees to provide adequate revenue at all times to pay the cost of operating and maintaining the system, providing adequate revenues in the Depreciation Fund, and pay the principal and interest of all revenue bonds issued under the provisions of the Illinois Municipal Code. (Ord. 2012-14)

5.07 DISPOSITION OF REVENUES.

(a) Special Fund. All revenues derived from the operation of the system, except revenue collected from the industrial cost recovery system as provided for in Sections 5.03 (c) 5 and 6 shall be set aside as collected, and deposited in a special fund of the village. The revenue shall be used only for the purpose of paying the cost of operating and maintaining the system, in an on-line, on going manner and capacity, providing an adequate depreciation fund, and paying the principal and interest on any bonds issued by the village under the provision of the law, except that any surplus remaining after meeting said purposes may be used for any other lawful corporate purpose.

(b) Industrial Cost Recovery Revenue. The revenue collected from the industrial cost recovery system shall be retained in a separate account and dispersed in compliance with the provisions of the Federal Register, Vol. 38, No. 161, August 21, 1973, paragraph 35.928-7, as amended from time to time.

(c) Depreciation Fund. The depreciation fund shall be divided into the following accounts, to-wit: The Sewage Treatment Plant Real Property Depreciation Account; the Sewage Treatment Plant Equipment Replacement Account; the Water Treatment Plant Real Property Depreciation Account; and the Water Treatment Plant Equipment Replacement Account. The fund shall be used for such replacements as may be necessary from time to time for the continued effective and efficient operation of the system, but it shall not be allowed to accumulate beyond a reasonable amount necessary for the purpose and shall not be used for extensions to the system. There shall be allocated and appropriated, from time to time by the Village Board of Trustees, such portions of the revenue derived from the operation and use of the system (except as otherwise provided in subsection (b) hereof) for each such account, to be used as to each such account as follows:

1. The Sewage Treatment Plant Real Property Depreciation Account shall be used for replacement of the improvements on the Sewage Treatment Plant real estate;

2. The Sewage Treatment Plant Equipment Replacement Account shall be used for replacement of equipment used in the sewage treatment part of the system;

3. The Water Treatment Plant Real Property Depreciation Account shall be used for replacement of the improvements on the Water Treatment Plant real estate;

4. The Water Treatment Plant Equipment Replacement Account shall be used for replacement of equipment used in the water treatment part of the system.

(d) Bond Ordinances, Accounting Under. 1. So long as any bonds authorized by any ordinance of the village are outstanding and unpaid, all revenues derived from the operation of the system shall also be accounted for and credited to such funds as may be established by such ordinance.

2. So long as bonds authorized under Ordinance No. 1971-8, entitled "An Ordinance Authorizing the Issue of \$80,000 Waterworks and Sewerage Revenue Bonds of the Village of Richmond, McHenry County, Illinois, Providing for the Sale, Payment and Delivery Thereof, and Making Certain Covenants in that Connection," are outstanding and unpaid, Section 5 of that ordinance and any other applicable sections or parts thereof is incorporated herein by reference and made a part hereof the same as if fully set forth herein, and shall be of co-equal applicability with any sections or parts of this chapter.

5.08 TURNING ON UTILITY SERVICES

SECTION 1: APPLICATION FOR WATER/SEWER SERVICE:

1. Application for water and sewer service must be made in writing by completing the adopted utility service application form as provided by the Village.
2. Application must be made in person at Village Hall.
3. A valid driver's license, or other photo identification as issued by the United States government or any U.S. state government, must be provided so that a photocopy of said identification may remain as a permanent part of the application documents.
4. An application by an Applicant-Tenant must provide the full name(s) and aliases and social security number(s) of person(s) liable to the property owner for the rental/lease of said property.
5. The Applicant-Tenant should provide at the time of application written evidence (i.e. lease or

rental agreement) that permission has been granted by the property owner for the Applicant-Tenant to occupy said premises.

6. Utility Service will be denied to an Applicant-Tenant when the following condition applies:
 - a. Applicant has an existing past due bill for water/sewer service with the Village, until said bill is paid in full.
7. Monetary amounts for water/sewer service security deposits must be completely satisfied and paid-in-full according to the proper procedure as outlined in Section 2 of this Ordinance, prior to the turn-on of a service connection.

SECTION 2: WATER/SEWER SERVICE SECURITY DEPOSITS:

1. The Village shall require the new Applicant or Customer to place on deposit with the Village a security deposit as established below as a guarantee of payment for water/sewer services used whereas such amounts of cash placed on deposit as defined, shall secure the Village from significant financial losses resulting from the non-payment of water/sewer bills.
2. Effective upon the passage and adoption of the Ordinance by Board of Trustees, of the Village of Richmond, the following water/sewer service security deposit requirements shall be required of any and all persons requesting to obtain and secure water and sewer service from the Village of Richmond.
3. SECURITY DEPOSITS FOR WATER/SEWER SERVICE SHALL BE AS FOLLOWS:

DEPOSIT REQUIRED:

A. All commercial or industrial:

1. All commercial, industrial, and other establishments with the exception of residential property shall be subjected to water/sewer security deposits at the rate of one hundred dollars to five hundred dollars (\$100.00 - \$500.00), depending upon estimated quarterly billing.

B. Residential property security deposits:

1. All residential property shall be subjected to water/sewer security deposits at the rate of one hundred dollars (\$100.00).
2. Residential water/sewer security deposits cannot be waived for any reason.

SECTION 3: Utility service shall not be granted until such time that a deposit is made.

SECTION 4: All security deposits shall remain with the Village until the termination of said water/sewer service with neither nor imputed payment of interest on said deposits as retained.

SECTION 5: APPLICATION OF DEPOSIT TO DELINQUENT UTILITY BILLS:

1. In the event that a water/sewer account becomes delinquent, the deposit or deposits above may be applied against the account and the service shall be disconnected pursuant to the established shut-off procedure, as outlined in the Richmond Municipal Code.
2. In the case of disconnection/shut-off, service will not be re-established until a new deposit is posted and the account is paid in full, pursuant to the established shut-off procedure, as outlined in the Richmond Municipal Code.
3. Should the deposit, in part, exceed the delinquency outstanding against all utility charges then due, and then the remaining balance of the deposit is to be refunded to the tenant.
4. Utility service will not be re-established until such time as a new deposit is posted and the account balance is paid in full.

SECTION 6: REFUND OF DEPOSIT UPON SERVICE TERMINATION:

1. When a residential or commercial/industrial customer intends to vacate a property where water/sewer service has been established, it is the customer's responsibility to notify the Village of Richmond of the need for a final meter reading and final bill.
2. Upon notice of utility service termination, a final meter reading shall establish all charges for service then due.
3. The amount of the final utility bill will be deducted from the security deposit on reserve, to the extent of water/sewer bill due, and any remaining deposit will be returned to the customer.

4. Any and all charges on the final bill that exceed the deposit on reserve shall be the responsibility of the customer for payment.
5. Upon cancellation and termination of said service, the water/sewer bill and responsibility for payment of further service charges beyond the final bill shall automatically revert to the property owner.

SECTION 7: TURNING ON SERVICES:

1. Water from the village water supply shall be turned on for service into any premises or building only by the Superintendent of Public Works or designee, after it is determined that plumbing facilities and fixtures used therein and the connecting pipes to the premises from the water main and the public sewer comply with all applicable village, state and other governmental rules, regulations, ordinances and laws. (*Ord. 2011-04*)

5.09 WATER MAINS, SPECIFICATIONS.

(a) Water mains lay in any street or alley shall be constructed of cast iron of a minimum internal diameter of 6 inches, except that a cast iron main of 4 inches diameter may be laid between two existing 4 inch mains for a distance of not more than 500 feet between points of connection.

(b) A water main installed between two existing mains, either of which is greater than 4 inches in diameter, shall be not less than 6 inches in diameter.

(c) Water mains shall comply with the requirements of the American Insurance Association specifications and water mains furnished by manufacturers to be installed in the village shall be guaranteed by such manufacturers.

(d) The extension or installation of any water main in the village shall be preceded by the preparation, submission and approval of plans and specifications as required by statute. Such plans and specifications may be prepared by the village or by any person or firm qualifying under the statute.

(e) All water main extensions shall be installed across the entire width of the lot or lots to be served.

(f) The cost of plans, specifications and construction of water mains specified in this section shall be borne by the property owners or other person causing the installation to be made.

5.10 WATER SERVICE LINES.

(a) Service lines are those pipes carrying water from the water main to the premises. Service lines shall be installed by and at the cost of the owner of the property involved or the applicant for the service. Such installation shall be under the supervision of the Superintendent of Public Works.

(b) No service line shall be installed unless it conforms to specifications drawn up by the Village Engineer, a copy of which specifications shall be kept on file by the Village Clerk and shall be open to inspection by any person interested therein.

(c) Shutoff boxes or service boxes shall be placed on every service line and shall be located between the curb line the sidewalk line where this is practicable. Such boxes shall be so located that they are easily accessible and shall be protected from frost.

5.11 SEWERS, SPECIFICATIONS.

(a) Sewer mains laid or extended in any street, alley or utility easement and sewer service lines (which are those sewer pipes carrying sewage from the premises to be served to the sewer main) shall be constructed of such materials and be of a minimum internal diameter as shall comply with all rules and regulations of the Environmental Protection Agency, the American Insurance Association and shall be guaranteed by the manufacturers.

(b) The extension or installation of a sewer main or the connection of a sewer service line to any sewer main in the village shall be preceded by the preparation, submission and approval of plans and specifications as may be required by statute, the Environmental Protection Agency or this village. Such plans and specifications may be presented by the village or by any person or firm qualifying under the statute.

(c) All sewer line extensions shall be installed across the entire width or length of the lot or lots to be served, as the case may be.

(d) The cost of plans, specifications and construction of the sewer line shall be borne by the property owner or other person causing the installation to be made.

5.12 RESALE OF WATER. No water shall be resold or distributed by the recipient to any premises other than that for which application has been made and the meter installed, except in the case of an emergency.

5.13 TAMPERING WITH THE SYSTEM. No person not authorized by the Board of Trustees shall tamper with, alter or injure any part of the system, or with any meter.

5.14 REPAIRS. Repairs to broken water service lines between and including the watermain and service shutoff shall be the responsibility of the Village. Repairs to broken sewer service lines from the building to the main shall be the responsibility of the owner. Repairs to the plumbing systems shall be made by and at the expense of the owner(s) of the premises served, except that meters shall be repaired only by the Village. Any damage done to the village water mains or sewer lines while tapping or connecting shall be repaired by the property owner(s). The village may, in case of emergency, repair any service pipe and recover the cost from the owner(s) of the premises served, and if the owner fails or refuses to pay within sixty (60) days of being billed therefore, the water supply may be shut off until the bill is paid, and the Village shall have a lien for the recovery thereof under the terms and provisions of Section 5.05 of this chapter. (*Ord. 2003-5*)

5.15 NON-LIABILITY OF VILLAGE. The village shall not be liable for any damage caused by a leak or break in any water or sewer service line or for damage caused by the repair or installation of such lines when such work is not done by the village, nor shall the village be liable for any damage caused by a failure to repair any leak or break in any service line.

5.16 CONNECTION AND EXTENSION REGULATIONS.

(a) Requirements. It shall be unlawful for any person who is not so authorized by the village to uncover, make any connections with or openings into, use, alter, repair, place, extend or disturb any public sewer, water main or appurtenance thereof until the requirements set forth in this section are met and the fees in Section 5.17 are paid.

(b) Permit. Application shall be made by the owner of the real estate involved, or the owner's duly authorized agent, for a permit, such application to be made with the Village Clerk, and such permit to be issued by the Superintendent of Public Works. Such application shall be supplemented by plans, specifications, or other information considered pertinent in the judgment of the Superintendent, and by a true and correct copy of the proper approval or certification thereof by the State of Illinois, Department of Public Health, Environmental Protection Agency or such other proper agency of the state if such approval or certification is so required by state law.

(c) Notice of Connection. No less than 24 hours prior to the connection, extension, alteration, repair, placement or disturbance, as the case may be, notice, either in writing or verbal, shall be given of such connection, extension, alteration, repair, placement or disturbance, as the case may be, to the Superintendent of Public Works.

(d) Supervision by Village. The extension, connection, alteration, repair, placement or disturbance shall be made under the supervision, at the site thereof, of the Superintendent of Public Works, or his duly authorized agent, and is covered only after it has been inspected by the Superintendent or his duly authorized agent.

(e) Plumbing Regulations, Conformity. All plumbing facilities and fixtures used in the premises, all connecting pipes to the premises from the water main or public sewer, and, in the event of water mains or sewers that are constructed or extended after 1971, all such water mains and sewers must comply with all applicable village, state and other governmental rules, regulations, ordinances and laws.

(f) Payment of Obligations to Village. Payment, or evidence of payment, shall be made of any liens, encumbrances or delinquent special assessments impressed or levied against the real estate involved for the cost of water mains or sewers, as the case may be, serving the property.

(g) Dismantling Private Disposal Systems. Before any connection to the public sewer from premises served by a private disposal system shall be made operable, such private sewage disposal system shall be rendered inoperable by the removal of any septic tank from the premises, or by the removal of all wastes in the septic tank and subsequent filling of the septic tank with sand. Until such private sewage disposal system is so rendered inoperable the premises may not be served by the connection to the public sewer.

(h) Connection to Municipal Water System. The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the Village of Richmond and abutting on any street, alley, or right-of-way on which there is now located or may in the future be located municipal water lines is hereby required at his expense to connect to such facility in accordance with the provisions of this Chapter, within 90 days of official notice to do so, provided that said municipal water is within 200 feet of the closest property line.

5.17 CONNECTION FEES. (Ord. 2006-14) The fees set forth below are charged for connecting to the combined waterworks and sewage system of the village. These fees are based on 2006 costs and shall annually be adjusted based on increases in the Consumer Price Index.

(a) Waterworks Connection Fees: The following connection fees shall be paid at the time a building permit is issued:

<u>Water Service Size</u>	<u>Connection Fee</u>
1 inch	\$ 5,050.00
1 1/2 inch	5,730.00
2 inch	8,420.00
Over 2 inch	Determined by the Village Engineer considering projected average water usage rates.

(b) Waterworks Permit Fee: \$25.00 per connection.

(c) Meters: See section 5.19 (c) below

(d) Sanitary Sewer Connection Fees: The following connection fees shall be paid at the time a building permit is issued:

1. Residential: \$1,500 plus \$1,230 per population equivalent and in accordance with the following schedule of assigned capacity factors:

Single family residences:

1 bedroom	2.0 P.E.
2 bedroom	3.0 P.E.
3 bedroom	3.5 P.E.
4 or more bedrooms	4.0 P.E. plus 1 P.E. per bedroom in excess of 4

Multi-family residential unit:

1 bedroom	2.0 P.E.
2 bedroom	2.5 P.E.
3 bedroom	3.0 P.E.
4 bedroom or more	4.0 P.E. plus 1.0 P.E. per bedroom in excess of 4

2. Commercial: \$2,500 plus \$1,230 per population equivalent applied as scheduled in Appendix I or as certified by the Village Engineer for unscheduled uses.

5.18 SEWER CONNECTION LIMITATIONS. *(Repealed, 2006-14)*

5.19 METERS.

(a) Required. All premises using water from the village water supply shall be equipped with an adequate water meter, furnished by the village. Water service may be supplied at a flat rate of charge until such meter is installed.

(b) Outside Meters. Every single family and duplex dwelling hereafter connected to the water system shall be equipped with a device so as to permit the direct reading of the meter outside the house. Such devices shall be installed under the supervision of the Superintendent of Public Works.

1. Water meters must be in an accessible area for inspection and servicing and installed in a horizontal position.
2. There may be no more than four (4) feet of exposed copper before the water meter.
3. Each new building must have a one half (1/2) inch conduit installed for the outside reader wire. The conduit must be run from within six (6) inches of the meter to a front corner of the building. It must be within three (3) feet of the front of the building and exit the siding at eye level (approximately four feet above ground). It must be flush with the siding. A pull wire should be installed to aid the Public Works department in installation of the outside reader.
4. The meter must be installed before any landscaping. Water used for landscaping is not considered "construction water". *(Ord. 1998-18)*

(c) Installation; Fee. Meters shall be installed by, or under the supervision of the Department of Public Works. Each meter shall be tested by the Department of Public Works before being set and no defective meter shall be permitted to remain in place. The applicant shall pay the Village for furnishing and installing of the meter and MXU Unit as follows: *(Ord. 2003-12)*

Meter Size	Furnish	Installation
3/4 inch	250.00	\$80.00
1 inch	\$480.00	\$100.00
1 – ½ inch	\$1025.00	\$140.00
2 inch	\$1400.00	\$180.00
MXU Unit (All)	\$150.00	Included

If there is one service to a multiple unit building, \$100.00 shall be added to the installation charge for each unit.

(d) Meter Wear. The user shall bear all risk of failure of the meter due to any cause other than a cause by the village.

(e) Testing Meters. All meters in service shall be sealed and shall be tested for accuracy by the Superintendent of Public Works at such times as he may direct. The test so made shall be at the expense of the village. The village will test the accuracy of any water meter on request of the consumer, who shall pay the actual cost of such test in case the meter shall be found inaccurate or registering slow. In the event the meter shall be found registering fast, the village will bear expense of the test. Water meters testing not more than two percent fast or slow shall be considered accurate.

(f) Location of Meters. Water meters may be located inside or outside of buildings in position, approved by the Superintendent of Public Works, with easy access for reading, inspecting repairing or removing. Any meter placed inside a building shall be set as near as practicable to the wall where the service pipe enters the building and shall be kept above the basement or cellar floor. The meter shall not be set in toilet or storage rooms or in positions where it may become inaccessible. Meters shall be protected against hot water, freezing or other injuries.

(g) Setting of Meters. Water meters must be set level and made firm by resting on proper supports. Square faced unions must be used in connecting the meters so that it can be readily removed by the Superintendent of Public Works in case of necessity for testing or otherwise. Provision shall be made for easily

restoring the water supply in the event the meter must be removed. A stop of waste shall be placed on both the inlet and outlet end of the meter.

Before a water meter is set the pipes shall be thoroughly flushed. Red or white lead shall not be used in making the couplings. Care should be exercised to prevent filings, bits of waste, lead other foreign substances from remaining in the meter, fittings or pipe.

In case two or more meters are placed upon the service connection, they shall be so placed that no one of them shall measure water that has passed through another meter.

(h) Premises using water from the village water system may be equipped with an additional water meter for metering landscape use water only. Such devices shall be installed under the supervision of the Superintendent of Public Works at the expense of the homeowner. Water service will be supplied at the current rate of charge as set by ordinance; however there shall be no minimum usage and no sewer charges applied. In consideration of the above, the user agrees to curtail landscape water use upon notification by the Village during any period of outdoor water restriction and/or prohibition. (*Ord. 2004-7*)

5.20 WASTED WATER. All water passing through a meter will be charged for, whether used or wasted, and no deductions will be made for water wasted through defective pipes, fixtures or otherwise.

5.21 ESTIMATES OF WATER CONSUMPTION. If any water meter ceases to register, stops or is otherwise out of repair and fails to correctly indicate the water consumed, the Superintendent of Public Works shall estimate from the most reliable data available, the quantity of water passing through the meter during such failure and the bill so estimated shall be paid by the person billed.

5.22 REPAIRS OF METERS. No water meter shall be repaired, changed, altered, disconnected or in any manner disturbed except by the Superintendent of Public Works. In case of freezing, leak or other dangerous emergencies, qualified plumbers may, without first obtaining a permit remove the damaged meter from the line, but in no case from the premises. Notice of such removal shall be filed with the Superintendent of Public Works by the plumber within 48 hours after such removal.

Consumers of water shall promptly notify the Superintendent of Public Works when a water meter is frozen, and shall not attempt to thaw it. Consumers shall also give notice of injury or accident to water meters or their supply.

5.23 TAMPERING WITH METER. No person other than the Superintendent of Public Works or his duly authorized agent shall set, repair, or interfere with any water supply or meter; and if shall be found that the water supply or water meter is being tampered with by any unauthorized person, the owner or occupant of the premises at which such meter is located shall be held responsible, and the water supply to such premises may be cut off. If the water supply is cut off for such cause, it shall not again be turned on until the owner or occupant of the premises shall have paid to the village the cost and expense of cutting off and turning on such water supply and the further sum of \$10 as liquidated damages for such unauthorized tampering and interference.

5.24 READING METERS. The Superintendent of Public Works shall read or cause to read every water meter used in the village at such times as are necessary for billing.

5.25 CONSTRUCTION CONTRACTORS. While constructing any building a contractor may use the village water supply upon application to the Village Clerk and payment of a fee of not less than \$25 quarterly for the use of water during the period of construction.

5.26 DEFINITIONS. Terms used in this chapter shall have the meanings set forth in Section 6.01 of this code.

Appendix I to Section 5.18

Type of Establishment	Gallons per person per day
Rooming houses	40
Boarding houses	50
Additional kitchen wastes for non-resident boarders	10
Hotels without private baths	50
Hotels with private baths (2 persons per room)	60
Restaurants (toilet and kitchen wastes per patron)	7 to 10
Restaurants (kitchen wastes per meal served)	2-1/2 to 3
Additional for bars and cocktail lounges	2
Tourist camps or trailer parks with central bathhouse	35
Tourist courts or mobile home parks with individual bath units	50
Resort camps (night and day) with limited plumbing	50
Luxury camps	100 to 150
Work or construction camps (semi-permanent)	50
Day camps (no meal served)	15
Day schools without cafeterias, gymnasiums or showers	15
Day schools with cafeterias, but no gymnasiums or showers	20
Day schools with cafeterias, gyms and showers	25
Boarding schools	75 to 100
Day workers at schools and offices (per shift)	15
Hospitals	150 to 250+
Medical or dental institutions other than hospitals	75 to 125
Factories (gallons per person per shift, exclusive of industrial wastes)	15 to 35
Picnic parks (toilet wastes only), (gallons per picnicker)	5
Picnic parks with bathhouses, showers, and flush toilets	10
Swimming pools and bathhouses	10
Country clubs (per resident member)	100
Country clubs (per non-resident member present)	25
Motels (per bed space)	40
Motels with bath, toilet and kitchen wastes	50
Drive-in theaters (per car space)	5
Movie theaters (per auditorium seat)	5
Airports (per passenger)	3 to 5
Self-service laundries (gallons per wash, i.e., per customer)	50
Stores (per toilet room)	400
Service stations (per vehicle served)	10