

CHAPTER 38

UTILITIES

ARTICLE I - DEPARTMENT ESTABLISHED

38-1-1 **DEPARTMENT ESTABLISHED.** There shall be an executive department of the Village known as the Water and Sewer Department. It shall include the Committee on Water and Sewer, appointed by the Mayor, and its employees. The designated office shall be the Village Hall.

38-1-2 **WATER AND SEWER COMMITTEE.** The Water and Sewer Committee shall exercise a general supervision over the affairs of the waterworks system and sewerage system. The Committee shall ascertain the condition and needs thereof; shall, from time to time, report the same to the Mayor and Village Board so that a full understanding thereof shall be had; and generally, shall do all acts necessary to promote the efficiency of the Water and Sewer Department.

38-1-3 **SUPERINTENDENT.** The Water and Sewer Superintendent shall be subject to the guidance of the Committee on Water and Sewer and shall be known as the "Superintendent". He shall be employed by the Mayor and Board of Trustees. He shall receive such pay as may be provided for by the Village Board. The Superintendent shall be known as the Superintendent of Water and the Superintendent of Sewer.

ARTICLE II - RATES AND REGULATIONS**38-2-1 CONTRACT FOR UTILITIES SERVICE.**

(A) **Customer Accepts Service.** The rates, rules, and regulations contained in this Chapter shall constitute and be considered a part of the contract with every person, company or corporation who is supplied with water and sewer services from the waterworks and sewerage system and every person, company or corporation, hereinafter called a "customer", who accepts and uses Village water and sewer services shall be held to have consented to be bound thereby.

(B) **Not Liable for Interrupted Service.** The Department shall endeavor at all times to provide a regular and uninterrupted supply of service, but in case the supply of service shall be interrupted or irregular, or defective, or fail from causes beyond its control, or through ordinary negligence of employees, servants or agents, the Department shall not be liable therefor.

(C) **Using Services Without Paying.** Any person using utility services from the Village without paying therefor, or who shall be found guilty of breaking the seal of any meter or appurtenances, or bypass any meter, shall be guilty of violating this Code, and upon conviction, shall be fined a sum as provided in **Section 1-1-20** of this Code.

(D) **Destroying Property.** Any person found guilty of defacing, tampering, injuring or destroying, or in any manner limiting the use or availability of any meter or any property of the waterworks system and sewerage system, or erecting signs on the property of the Department without permission shall, upon conviction for such act, be fined as provided in **Section 1-1-20** of this Code.

(E) **Service Obtained by Fraud.** All contracts for water and sewer services must be made in the name of the head of the household, firm, or corporation using the established spelling of that person's or firm's name. Attempts to obtain service by the use of other names, different spellings or by substituting other persons or firms will be considered a subterfuge and service will be denied. If service has been discontinued because of nonpayment of bills, or any unpaid obligation and service has again been obtained through subterfuge, misrepresentation or fraud, that service will be promptly disconnected and the whole or such part of the advanced payment as may be necessary to satisfy the unpaid obligation shall be retained by the Village and credited to the appropriate account.

(F) **Failure to Receive Bill.** Failure to receive a bill shall not excuse a customer from his obligation to pay within the time specified. Should the Department be unable to bill a customer for services used during any month, the following billing shall include the charges for services used during the unbilled month.

(G) **Request to Discontinue Service.**

- (1) Customer shall notify the office of date leaving and date returning, during normal business hours.
- (2) Customer shall "vacation" for **four (4) consecutive weeks** or more and then there will be no reconnection charge assessed.
- (3) Customer's account cannot be delinquent.

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- (4) Water shall be turned off by the Village, and sewer and trash will not be billed during this time; water will be turned on by the Village and bills resumed upon return. (Ord. No. 97-400; 09-04-97)
- (H) **Billing; Hearing; Utility Shut-Off.**
- (1) **Billing.** All bills shall be due and payable upon presentation. Payments received shall be credited towards trash collection; sewerage service and water service in that order in the event partial payment is made.
- (2) **Penalty.** If a bill is not fully paid by the **tenth (10th) day** of the following month, a penalty of **ten percent (10%)** of the amount due on said bill shall be added to the bill. This penalty shall be in addition to the charge heretofore established for the utility services.
- (3) **Utility Shut-Off.** Any customer, who fails to pay the trash, water and sewer bills within **thirty (30) days** of presentation shall have the utility services disconnected after a written notice by the Village Clerk has been mailed to the customer and owner, if different that the customer affording the customer an opportunity for a hearing. When the unpaid portion of the trash, water, and sewer bill for a customer is less than **Ten Dollars (\$10.00)**, the Village may waive the notification and shut-off process until such time as it become desirable to proceed. The penalty will apply as described in **Section 38-2-1(H)(2)**.
- (4) **Shut-Off Notice.** The shut-off notice shall specifically contain the following:
- (a) Name; service address of the customer;
 - (b) Account number;
 - (c) Total amount of bill;
 - (d) Scheduled shut-off date;
 - (e) That the customer or his representative has a right to be heard and may request a hearing date prior to the termination date with the Village Clerk to present evidence in his behalf if he does not agree with the bill;
 - (f) That if the customer fails to appear at the hearing, the customer's utility service shall be terminated without further proceedings;
 - (g) The customer shall be given a minimum of **seven (7) day's** notice prior to termination. Termination notice may be given by certified or first-class mail, by personal delivery or by posting same on the premise to be disconnected.

- (5) **Right to Hearing.** The Mayor, the Village Clerk, or the designee of the Mayor shall determine the time, date, and location of the hearing. The Mayor, Village Clerk, or designee shall preside over the hearing. The Village reserves the right to have the Village Board decide all questions or disputes which may arise between the Village and any customer and to have the Village Board interpret the meaning of all of the provisions of this Code. The decision of the Village Board shall be final and binding upon the Village and customer, and the provisions of this Section shall become a part of every contract for utilities between the Village and all customers.
- (6) **Hearing Decision.** The customer shall be notified of the decision rendered. If the service is to be disconnected, a date and time shall be set out in the notice to terminate the service or services of the customer. Notice of the hearing officer's decision shall be made by first-class mail. If the hearing officer decides in favor of the Village, the Village shall have the right to discontinue the customer's trash, water, and sewer services.
- (7) **Failure to Appear.** Should the customer fail to appear at the hearing, or should the notice be returned or non-accepted, the Village shall have the right to terminate the customer's utility service without further proceeding.
- (8) **Owner Notification.** If the customer who has unpaid trash, water or sewer bills is not the owner of record, then the Village shall also notify the owner of the property, that the property owner will become liable for the unpaid bills.
- (9) **Reconnection Fees.** Once delinquent utility services have been disconnected, the same shall not be again connected or used until all delinquent accounts and bills of service are paid in full, plus a reconnection fee of such utility services. (Ref. 38-4-14, **Reconnection Fee**) Additionally, the tenant and/or owner of the premises shall deposit with the Village Clerk; an amount sufficient to bring the deposit to the currently established rate of deposit before service shall be restored. (Ord. No. 97-400; 09-04-97)

(I) **Lien Notice.** Whenever a bill for utility services remains unpaid for forty-five (45) days after it has been rendered, the Village Clerk shall notify the Village Attorney who shall file with the County Recorder of Deeds a statement of lien claim. This statement shall contain the legal description of the premises served, the total amount of the delinquent account, penalty fees and collection expenses and a notice that the municipality claims a lien for this amount to the period covered by the bill.

If the consumer of utility services whose bill is unpaid is not the owner of the premises and the Village Clerk has notice of this, then notice shall be mailed to the owner of the premises if his address is known to the Village Clerk.

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The failure of the Village Clerk to record such lien or to mail such notice, or the failure of the owner to receive such notice shall not affect the right to foreclose the lien for unpaid utility bills as mentioned herein. (See 65 ILCS Sec. 5/11-139-8)

(J) **Foreclosure of Lien.** Property subject to a lien for unpaid utility charges shall be sold for non-payment of the same, and the proceeds of such sale shall be applied to pay the charges, after deducting costs, as is the case in the foreclosure of statutory liens. Such foreclosure shall be by bill-in-equity in the name of the Village.

The Village Attorney is hereby authorized to institute such proceedings in the name of the Village in any Court having jurisdiction over such matters against any property for which the bill for utility services has remained unpaid **forty-five (45) days** after it has been rendered. (See 65 ILCS Sec. 5/11-139-8)

38-2-2 **CONSUMER LISTS.** It is hereby made the duty of the Village Clerk to prepare or cause to be prepared a complete and accurate list of all premises and properties receiving utility services, showing the name and address of the occupant and the owner of the same. The list shall be kept up-to-date, and shall be corrected from time to time to allow changes in the occupancy or ownership of any such property or premises. It shall be presented at the regular monthly meeting if requested.

38-2-3 **LIABILITY FOR CHARGES.** The owner of any lot, parcel of land or premises and the user of the services shall be jointly and severally liable for the payment of the services to such lot, parcel of land or premises, and all services are rendered to the premises by the Village only on the condition that such owner, occupant and user shall be jointly and severally liable therefor to the Village. (See 38-1-7)

38-2-4 **ESTIMATED CHARGE.** Whenever any meter, by reason of its being out of repair or from any cause fails to properly register the utilities passing through the same, the consumer shall be charged the average charge of the **previous three (3) months' usage**. If no record of the previous **three (3) months** exists, then it shall be the duty of the Village Clerk to estimate the amount of utilities consumed during the time the meter fails to operate and the consumer shall be charged with such estimated amount. Bills may be estimated whenever it is impossible to read the meters during inclement weather. (See 38-4-6)

38-2-5 **TESTING METERS.** A water meter shall be removed and tested upon a written complaint of the customer and the payment of the meter testing deposit as prescribed in Article IV herein. If the test indicates the meter is not within **three percent (3%)** of being accurate, it shall be repaired or replaced and the deposit returned to the customer. (Ord. No. 97-400; 09-04-97)

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UTILITY DEPOSITS.

(A)

- (1) **Deposits Shall Accompany Application for Service.** When application is made for utility services in accordance with the provisions of this Chapter, the required deposit shall accompany all applications for which service is requested.
- (2) **Multiple Dwellings on a Single Meter.** The owner of record of the dwellings shall have on deposit at least the minimum amount described above for one account, except as provided in **Section 38-2-6(A)(3)**. When any part of the amount due by any of the multiple dwellings on a single meter is not paid by the due date, the utility service shall be terminated at the meter as prescribed herein.
- (3) **Adequate Protection for the Department.** When the amount of the deposit provided for above is not sufficient to adequately protect the Department, a greater amount than stated above may be required, based on an estimate of the customer's anticipated usage for a customary billing period. The deposit amount (rounded to increments of \$5.00) shall be adequate to secure one billing period of usage; the minimum deposit amounts are listed in **Article IV** herein. (Ord. No. 97-400; 09-04-97)

(B) **Security for Payment - No Interest.** The deposits made under the provisions of this Chapter shall be held by the Village as security for the payment of utility services used by the applicant upon the premises to which his application pertains, and may be so applied when any default is made in the payment in the utilities bill in accordance with this Chapter. The depositor shall earn no interest.

(C) **Liability for Deposit.** The owner of the premises and the tenant thereof shall be jointly and severally liable to pay the required deposit herein established before water and sewer facilities shall be made available to the tenant-occupied premises. In the case a portion of the deposit is used as aforesaid, the tenant and/or owner of the premises shall immediately deposit with the Village Clerk an amount sufficient to bring the deposit to the established rate of deposit.

38-2-7 **EASEMENTS.** The Consumer shall grant a perpetual right of way easement with the right to erect, construct, install, and lay, and thereafter use, operate, read meters, inspect, repair, maintain, replace, and remove water and/or sewer transmission and distribution lines, meterboxes, meters, valves, and etc. across and through the land of the Consumer.

The Village by its officers, employees or contractors, at any time hereafter shall have access to and may enter upon said strip of land for the purpose aforesaid and may remove any obstruction and shall restore the surface of the ground to its original grade. For the purpose of construction, Village may enter upon adjacent property of Consumer with machines and equipment and pile earth and materials thereon, provided no damage is done. Village agrees, at Village's cost and expense, to restore the ground surface of the easement and any utilized

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adjacent areas to substantially the condition that existed prior to any disruption because of such laying, maintenance, and removal. The Village is not responsible to restore or replace removed obstructions such as mailboxes, planters, plants, trees, driveways, etc. built upon the easement. The Village covenants to maintain the easement in good repair so that no unreasonable damage will result from its use to the adjacent land of the Consumer.

The consumer will not plant any trees or place any permanent structures over said utility line so as to interfere with the access thereto. Said easement strips shall not be public right of ways and the property owner shall have the right to use said strip of land for any purposes which do not unreasonably interfere with the use, access to, and maintenance of the utility line and appurtenances so constructed. (Ord. No. 98-405; 03-19-98)

38-2-8 DISCONNECTION; DEMOLITION OF STRUCTURES. All costs and expenses incident to the proper disconnection and termination (capping) of water and/or sewer lines shall be borne by the owner. The owner shall indemnify the Village from any loss or damage that may directly or indirectly be occasioned by the removal of the utility service(s).

The Village may elect to cap the utility(s) at the discretion of the Village Superintendent. The Village shall collect payment for materials and labor.

The Village Superintendent shall inspect all service caps not installed by the Village and the owner of the property will pay the prescribed inspection fee. When both water and sewer caps are to be inspected and both are inspected at the same time, **one (1)** inspection fee shall be collected for both inspections.

The water and sewer service cap location shall be at the discretion of the Superintendent; however, the caps should generally be located on the property within **ten (10)** feet of the property line. (Ord. No. 98-405; 03-19-98)

38-2-9 INDEPENDENT TAPS REQUIRED. Water and sewer taps may service no more than **one (1) lot**, except as allowed by the Village, there shall be provided at least **one (1)** water and/or sewer tap for the primary dwelling on each lot for which water or sewer service or both are desired. Taps shall not be shared between lots. (Also see Section 38-5-12) (Ord. No. 98-405; 03-19-98)

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ARTICLE III - WATER SYSTEM**DIVISION I - GENERAL REGULATIONS****38-3-1 APPLICATION FOR TAPS AND SERVICE CONNECTIONS TO THE WATERWORKS SYSTEM.**

(A) **Application Required.** An applicant desiring a water tap or service connection with the Waterworks System of the Village shall file a written application at the Village Hall, signed by the owner of the property for which the tap or service connection is desired, or by the duly authorized agent of such owner. In the event an agent makes the application for the owner, then the written authority of the owner shall also accompany the application to the agent for the making of the application.

(B) **Payment Shall Accompany Application.** The application shall be accompanied by water tap pre-payment and full deposit. Payment of the balance due for the tap shall be paid to the Village before service is started. When the pre-payment amount is larger than the tap-on fee and deposit, the difference will be refunded. See **Article IV** for fees. (Ord. No. 97-400; 09-04-97)

38-3-2 ALL SERVICE TO BE BY METER. All water service, whether for domestic, commercial or industrial use shall be metered. All meters shall be so placed and installed as to render the same accessible at all times for the purpose of reading or repairing and so as to be free from danger of freezing. Meters outside of a building shall be set in a suitable meter box approved by the Water Committee. Water shall not be turned on for new connections until the meter has been installed and all other requirements of this Chapter on the part of the property owner have been fully complied with.

38-3-3 INSPECTION.

(A) **Access to Premises.** The Village shall have access to all portions of the premises of the consumer at any reasonable time for inspection of the use of water and the consumer's pipe, fixtures, plumbing, and any other apparatus in any manner connected to the Waterworks System of the Village. The Village shall have the right and option to demand change or stopping of use or to require any repair, change, removal or improvement of any pipe, fixture, plumbing or other apparatus that would in any manner affect the water supply or system of the Village or the supply or fixtures of other consumers.

(B) **Meters to be Open to Inspection.** All water meters and water fixtures, connections and appurtenances on private property connected with the Waterworks System of the Village shall be open to the inspection of the proper officers and employees of the Village at all reasonable hours.

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38-3-4 **METER DAMAGED.** Whenever a meter is found to have been damaged by hot water being forced back into it from the consumer's hot water or heating apparatus or for any other cause within control of the consumer, the consumer shall pay the Village for the actual cost of the removal, repair, and replacement of the damaged meter and all previous water bills shall be corrected on an estimated basis to cover such period as it appears that the meter was out of order for such damage.

38-3-5 **VILLAGE NOT LIABLE FOR INTERRUPTION OF SUPPLY.** The Village shall have the right to shut off the supply of water whenever it is necessary to make repairs, improvements, enforce rules or as needed. Notice will be given to customers as circumstances allow, but in emergencies, the water may be shut off without notice. Such necessary work will be done as rapidly as may be practical and whenever feasible at such times as will cause the least convenience. The Village shall not be held responsible for or liable because of any shut-off of supply for any direct or resultant damages to any person, company, or to any pipe, fixtures, or plumbing.

Water for steam boilers, gas turbines, ice plants, or other industrial use, shall not be furnished by direct pressure from the mains, but only to tanks holding ample reserve supply. Should any equipment be supplied direct from mains, then in case of any shut-off of water, the Village will not be held responsible or liable for any direct or resulting damage because of interrupted supply, insufficient pressure, or otherwise.

Whenever water mains, pipes and service connections are taken up, shut-off or interfered with by reason of any Village street improvements, the Village will endeavor to maintain service so far as reasonably possible, but will not be directly or indirectly liable for any interruption, poor pressure, or damage of any kind to consumers, adjacent or to other consumers affected thereby.

The Village expressly stipulates with all its consumers and other persons that it will not insure or be responsible or liable in any manner for any losses, or damages, direct or resultant by reason of any fire, and all water service furnished shall always be conditional upon act of nature, inevitable accidents, fire, strikes, riots, war, or any other cause not within the reasonable control of the Village. (Ord. No. 97-400; 09-04-97)

38-3-6 **RESALE.** No water shall be resold or distributed by the recipient or consumer thereof from the Village supply to any premises other than that for which application has been made and the meter installed, except in cases of emergency.

38-3-7 **DISCONTINUING SERVICE – DANGEROUS USAGE.** The Village shall have the right to refuse water service or to discontinue water service, without notice, at any time to any consumer if the Village finds any apparatus or appliances, the operation of which will be detrimental to the water system of the Village or to any or all of its consumers. Standpipes, hydrants, gate valves and any other apparatus that cause water hammer or any danger to the water system or other customer's plumbing shall be immediately repaired or

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removed upon notice from the Village or, at its option, the Village may immediately discontinue service without notice and without any liability for direct or resulting damages therefrom.

38-3-8 **ELECTRIC GROUND WIRES.** All persons are strictly forbidden to attach any electric ground wire to any plumbing or water piping which is or may be connected to any water service pipe, water meter, or water main belonging to the Village.

The Village shall hold the owner of the premises responsible and liable for any damage to the property or injury to the employees of the Village caused by such ground wire. Any and all owners and consumers shall remove any existing ground wires immediately upon written notice from the Village. If not so disconnected **five (5) days** after notice, the Village, through its officials, may enter the property and remove such ground wires and the consumer shall pay all costs.

38-3-9 **WATER FOR BUILDING OR CONSTRUCTION PURPOSES.** Applicants desiring to use water from the Village Waterworks System for building or construction purposes shall make application therefor to the Superintendent on a form provided by the Water and Sewer Department for that purpose.

Upon a permit being granted, the service pipe shall be carried at the expense of the applicant to the inside of the curb line where a service cock and meter shall be placed with pipe leading to the surface and a faucet placed at the end thereof above the surface. When the building or construction is completed, the faucet and meter shall be removed and the water shut off unless permanent connection is made in accordance with the provisions of this Chapter. Charge for the use and connection of the meter shall be prescribed by the Superintendent.

38-3-10 **FIRE HYDRANTS.**

(A) All fire hydrants connected to the Village of St. Jacob's water system are owned and maintained by the Village of St. Jacob.

(B) The Village shall not be held liable and will not assume any responsibility for the condition of any fire hydrant inside or outside the Village Limits or the pressure or amount of water obtainable therefrom or any damage either direct or resultant because of the condition, pressure or amount of water available at any fire hydrant.

(C) All public fire hydrants located outside the Village Limits owned by the Village shall be maintained in as good order as reasonably possible, but the Village will not undertake or assume any responsibility or liability for their condition or use or abuse. Such public fire hydrants shall be used only for the purpose of extinguishing fires except when the Village may issue a special permit for their use to contractors who shall then be responsible for the hydrants and the use of water from them.

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38-3-11 **LAWN WATERING.** The right is reserved to suspend the use of lawn fountains and hoses for sprinkling lawns and gardens whenever, in the opinion of the Village, public exigencies require it.

38-3-12 **SHORTAGE AND PURITY OF SUPPLY.** The Village shall not be held responsible for or in any manner liable to any person, company, consumer or public body for any claim or damage, either direct or resultant because of any shortage of water supply, any shutoff of water for any reason, any bursting or leakage of either the consumer's or Village's mains, pipes and fixtures, any pollution or impurity in water supply or any fire or water damage.

38-3-13 **NON-COMPLIANCE WITH RULES AND REGULATIONS.** If any consumer fails to comply with any of the rules and regulations in force, the Village shall notify the consumer of such failure. If the consumer does not remedy the same as the rules provide and within a reasonable time, the Village shall have the right to discontinue service. Except in case of non-payment, emergency, necessity, or as otherwise provided, the Village will not discontinue service for violation of any rule until five (5) days after notice has been given and the violation has not been remedied.

38-3-14 **RESERVED.** (Ord. No. 98-405)

38-3-15 **USE OF WATER ON CONSUMER'S PREMISES.** The Village shall reserve the right to use the water from the consumer's facilities at any time deemed necessary. No charge shall be made by the consumer for the use of the facilities and no charge shall be made by the Village for the water used by the Village.

38-3-16 **REMOVAL OF METERS.** All meters shall remain the property of the Village and may be removed from the customer's premises at any time without notice for the purpose of testing and repairing the same or upon discontinuance of service. Upon discovery of any unlawful act by any customer, his agent, or employee herein prohibited or upon failure to comply with any other rules and regulations of the department, such service shall be discontinued by shutting off at the curb stop, removing the meter, or both. It shall be unlawful for any person to turn on service, to shut off service, or remove a meter except as directed by the Superintendent. (Ord. No. 97-400; 09-04-97)

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38-3-17 **RULES TO BECOME PART OF CONTRACT.** All of the rules and regulations concerning the use of the facilities of the water system and the consumption of water shall be adopted and the same shall become part of the contract with every water consumer and every water consumer shall be considered to take water from the Village, subject thereto and bound thereby. (Ord. No. 97-400; 09-04-97)

38-3-18 **INSTALLING AND MAINTAINING SERVICE LINES.**

(A) **Village Installs Water Tap.** The Superintendent shall have complete control of all phases of water tap installation including, but not limited to, labor, excavation, and complete installation of the tap, curb stop, yard mounted meter pit, meter, and landscaping. The curb stop shall be located near the tap between the tap and the meter.

The Village shall be responsible to maintain the tap through and including the curb stop and the meter installed, at the Village's expense. Any property found without a curb stop capable of shutting off the water shall have one installed or maintained as necessary at the Village's expense unless destruction of property has occurred. See Destroying Property in Article II. (Ord. No. 98-405; 03-19-98)

(B) **Owner Installs Service Lines.** The user shall be responsible for installation and maintenance of the service lines between the curb stop and the residence or business at the user's expense.

Such service lines shall be at least **three-fourths (3/4) inch** in diameter, and shall be installed at a minimum depth of **forty-two (42) inches** to the top of the pipe. Service lines must have a minimum working pressure rating of **160 psi at 73.4 degrees F** and must be constructed of one of the following types of materials: Copper, (Type K), polyvinyl chloride (PVC), polyethylene or polybutylene. Service lines shall not be covered until they are inspected and approved by the Superintendent.

The user shall not connect any service line or any plumbing connected with the service line with any other water source. The service line shall meet all the requirements of the Illinois Environmental Protection Agency's rules and regulations, the Illinois Plumbing Code, and the regulations in this Chapter. (Ord. No. 97-400; 09-04-97)

DIVISION II - CROSS-CONNECTION ADMINISTRATION.

38-3-19 **APPROVED BACKFLOW DEVICE.** All plumbing installed within the Village shall be installed in accordance with the Illinois Plumbing Code, 77 Ill. Adm. Code 890. If, in accordance with the Illinois Plumbing Code or in the judgment of the Superintendent, an approved backflow prevention device is necessary for the safety of the public water supply system, the Superintendent shall give notice to the water customer to install such an approved device immediately. The water customer shall, at his own expense, install such an approved device at a location and in a manner in accordance with the Illinois Plumbing Code, Illinois Environmental Protection Agency and all applicable local regulations, and shall have inspections and tests made of such approved devices upon installation and as required by the Illinois Plumbing Code, Illinois Environmental Protection Agency and local regulations.

38-3-20 **CROSS-CONNECTION PROHIBITED; EXCEPTION.** No person shall establish or permit to be established or maintain or permit to be maintained any connection whereby a private, auxiliary or emergency water supply other than the regular public water supply enters the supply or distribution system of the Village, unless such private, auxiliary or emergency water supply and the method of connection and use of such supply shall have been approved by the Superintendent and the Illinois Environmental Protection Agency.

38-3-21 **INVESTIGATIONS BY SUPERINTENDENT.** It shall be the duty of the Superintendent to cause surveys and investigations to be made of commercial industrial and other properties served by the public water supply to determine whether actual or potential hazards to the public water supply may exist. Such surveys and investigations shall be made a matter of public record and shall be repeated at least every **two (2) years** or as often as the Superintendent shall deem necessary. Records of such surveys shall be maintained and available for review for a period of at least **five (5) years**.

38-3-22 **RIGHT TO ENTER PREMISES.** The approved cross-connection control device inspector shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system for the purpose of verifying the presence or absence of cross-connections and that the Superintendent or his authorized agent shall have the right to enter at any reasonable time any property served by a connection to the public water supply or distribution system for the purpose of verifying information submitted by the customer regarding the required cross-connection control inspection. On demand, the owner, lessee or occupants of any property so served shall furnish to the Superintendent any information which he may request regarding the piping system or

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systems or water use on such property. The refusal of such information when demanded shall, within the discretion of the Superintendent, be evidence of the presence of improper connections as provided in this Chapter.

38-3-23 NOTICE TO CUSTOMER; RECONNECT FEE.

(A) The Superintendent is hereby authorized and directed to discontinue, after reasonable notice to the occupant thereof, the water service to any property wherein any connections in violation of the provisions of this Chapter is known to exist, and to take such other precautionary measures as he may deem necessary to eliminate any danger of contamination of the public water supply distribution mains. Water service to such property shall not be restored until such conditions have been eliminated or corrected in compliance with the provisions of this Chapter and until the prescribed water reconnection fee is paid to the Village. (See Article IV for Fees.) (Ord. No. 97-400; 09-04-97)

(B) Immediate disconnection with verbal notice can be effected when the Superintendent is assured that imminent danger of harmful contamination of the public water supply system exists. Such action shall be followed by written notification of the cause of disconnection. Immediate disconnection without notice to any party can be effected to prevent actual or anticipated contamination or pollution of the public water supply, provided that, in the reasonable opinion of the Superintendent or the Illinois Environmental Protection Agency, such action is required to prevent actual or potential contamination or pollution of the public water supply. (Ord. No. 335; 05-03-90)

(C) The public water supply, the Superintendent or the agents or assigns shall not be liable to any customer for any injury, damages or lost revenues which may result from termination of the customer's water supply in accordance with the terms of this Chapter, whether or not said termination was with or without notice. (Ord. No. 335; 05-03-90)

38-3-24 CONTAMINATIONS COST AND THE CONSUMER. The consumer responsible for back-siphoned material or contamination through backflow, if contamination of the potable water supply system occurs through an illegal cross-connection or an improperly installed, maintained or repaired device, or a device which has been bypassed, shall bear the cost of clean-up of the potable water supply system. (Ord. No. 335; 05-03-90)

38-3-25 - 38-3-30 RESERVED.

DIVISION III - CROSS-CONNECTION CONTROL CODE

38-3-31 **PURPOSE.** The purpose of these Rules and Regulations is:

(A) To protect the public water supply system from contamination or pollution by isolating within the customer's water system contaminants or pollutants which could backflow through the service connection into the public water supply system.

(B) To promote the elimination or control of existing cross-connections, actual or potential, between the public or consumer's potable water system and non-potable water systems, plumbing fixtures and sources or systems containing substances of unknown or questionable safety.

(C) To provide for the maintenance of a continuing program of cross-connection control which will prevent the contamination or pollution of the public and consumer's potable water systems.

38-3-32 **APPLICATION.** These Rules and Regulations shall apply to all premises served by the public potable water supply system of the Village.

38-3-33 **RESPONSIBILITY OF OWNER.** The owner or official custodian shall be responsible for protection of the public water supply system from contamination due to backflow or back-siphonage of contaminants through the customer's water service connection. If, in the judgement of the Superintendent of Water or his authorized representative, an approved backflow prevention device is necessary for the safety of the public water supply system, the Superintendent shall give notice to the consumer to install such approved backflow prevention device at each service connection to the premises. The consumer shall immediately install such approved device or devices at his own expense; failure, refusal or inability on the part of the consumer to install such device or devices immediately shall constitute grounds for discontinuing water service to the premises until such device or devices have been installed. The consumer shall retain records of installation, maintenance, testing and repair as required in **Section 38-3-37 (D)** below for a period of at least **five (5) years**. The Superintendent of Water may require the consumer to submit a cross-connection inspection report to the Village to assist in determining whether or not service line protection will be required. All cross-connection inspections shall be conducted by a Cross-Connection Control Device Inspector certified by the Illinois Environmental Protection Agency.

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38-3-34 **DEFINITIONS.** The following definitions shall apply in the interpretation and enforcement of these regulations:

"Fixed Proper Air Gap" means the unobstructed vertical distance through the free atmosphere between the water discharge point and the flood level rim of the receptacle.

"Agency" means Illinois Environmental Protection Agency.

"Approved" means backflow prevention devices or methods approved by the Research Foundation for Cross-Connection Control of the University of Southern California, Association of State Sanitary Engineers, American Water Works Association, American National Standards Institute or certified by the National Sanitation Foundation.

"Auxiliary Water System" means any water source or system on or available to the premises other than the public water supply system and includes the water supplied by the system. These auxiliary waters may include water from another purveyor's public water supply system; or water from a source such as wells, lakes, or streams or process fluids; or used water. These waters may be polluted or contaminated or objectionable or constitute a water source or system over which the water purveyor does not have control.

"Backflow" means the backflow of water or other liquids, mixtures, or substances into the distribution pipes of a potable water system from any source other than the intended source of the potable water supply.

"Backflow Prevention Device" means any device, method, or type of construction intended to prevent backflow into a potable water system. All devices used for backflow prevention in Illinois must meet the standards of the Illinois Plumbing Code and the Illinois Environmental Protection Agency.

"Consumer" or "Customer" means the owner, official custodian or person in control of any premises supplied by or in any manner connected to a public water system.

"Consumer's Water System" means any water system located on the customer's premises. A building plumbing system is considered to be a customer's water system.

"Contamination" means an impairment of the quality of the water by entrance of any substance to a degree which could create a health hazard.

"Cross-Connection" means any physical connection or arrangement between two otherwise separate piping systems, one of which contains potable water and the other a substance of unknown or questionable safety or quality, whereby there may be a flow from one system into the other.

"Direct Cross-Connection" means a cross-connection formed when a water system is physically joined to a source of unknown or unsafe substance.

"Indirect Cross-Connection" means a cross-connection through which an unknown substance can be forced, drawn by vacuum or otherwise introduced into a safe potable water system.

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"Double Check Valve Assembly" means an assembly composed of single, independently acting check valves approved under ASSE Standard 1015. A double check valve assembly and suitable connections for testing the water-tightness of each check valve.

"Health Hazard" means any condition, device or practice in a water system or its operation resulting from a real or potential danger to the health and well-being of consumers. The word "severe" as used to qualify "health hazard" means a hazard to the health of the user that could be expected to result in death or significant reduction in the quality of life.

"Inspection" means a plumbing inspection to examine carefully and critically all materials, fixtures, piping and appurtenances, appliances and installations of a plumbing system for compliance with requirements of the Illinois Plumbing Code, 77 Ill. Admn. Code 890.

"Non-Potable Water" means water not safe for drinking, personal, or culinary use as determined by the requirements of 35 Ill. Adm. Code 604.

"Plumbing" means the actual installation, repair, maintenance, alteration or extension of a plumbing system by any person. Plumbing includes all piping, fixtures, appurtenances and appliances for a supply of water for all purposes, including without limitation lawn sprinkler systems, from the source of a private water supply on the premises or from the main in the street, alley or at the curb to, within and about any building or buildings where a person or persons live, work or assemble. Plumbing includes all piping, from discharge of pumping units to and including pressure tanks in water supply systems. Plumbing includes all piping, fixtures, appurtenances, and appliances for a building drain and a sanitary drainage and related ventilation system of any building or buildings where a person or persons live, work or assemble from the point of connection of such building drain to the building sewer or private sewage disposal system five feet beyond the foundation walls.

"Pollution" means the presence of any foreign substance (organic, inorganic, radiological, or biological) in water that tends to degrade its quality so as to constitute a hazard or impair the usefulness of the water.

"Potable Water" means water which meets the requirements of 35 Ill. Adm. Code 604 for drinking, culinary, and domestic purposes.

"Potential Cross-Connection" means a fixture or appurtenance with threaded hose connection, tapered spout, or other connection which would facilitate extension of the water supply line beyond its legal termination point.

"Process Fluid(s)" means any fluid or solution which may be chemically, or biologically or otherwise contaminated or polluted in a form or concentration such as would constitute a health, pollutional, or system hazard if introduced into the public or a consumer's potable water system. This includes but is not limited to:

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- (1) polluted or contaminated waters;
- (2) process waters;
- (3) used waters originating from the public water supply system which may have deteriorated in sanitary quality;
- (4) cooling waters;
- (5) questionable or contaminated natural waters taken from wells, lakes, streams, or irrigation systems;
- (6) chemicals in solution or suspension;
- (7) oils, gases, acids, alkalis and other liquid and gaseous fluids used in industrial or other processes, or for fire fighting purposes.

"Public Water Supply" means all mains, pipes and structures through which water is obtained and distributed to the public, including wells and well structures, intakes and cribs, pumping stations, treatment plants, reservoirs, storage tanks and appurtenances, collectively or severally, actually used or intended for use for the purpose of furnishing water for drinking or general domestic use and which serve at least **fifteen (15)** service connections or which regularly serve at least **twenty-five (25)** persons at least **sixty (60)** days per year. A public water supply is either a "community water supply" or a "non-community water supply".

"Reduced Pressure Principle Backflow Prevention Device" means a device containing a minimum of two independently acting check valves together with an automatically operated pressure differential relief valve located between the two check valves and approved under ASSE Standard 1013. During normal flow and at the cessation of normal flow, the pressure between these two checks shall be less than the supply pressure. In case of leakage of either check valve, the differential relief valve, by discharging to the atmosphere, shall operate to maintain the pressure between the check valves at less than the supply pressure. The unit must include tightly closed shutoff valves located at each end of the device, and each device shall be fitted with properly located test cocks.

"Service Connection" means the opening, including all fittings and appurtenances, at the water main through which water is supplied to the user.

"Survey" means the collection of information pertaining to a customer's piping system regarding the location of all connections to the public water supply system and must include the location, type and most recent inspection and testing date of all cross-connection control devices and methods located within that customer's piping system. The survey must be in written form, and should not be an actual plumbing inspection.

"System Hazard" means a condition through which an aesthetically objectionable or degrading material not dangerous to health may enter the public water supply system or a consumer's potable water system.

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"Used Water" means any water supplied by a public water supply system to a consumer's water system after it has passed through the service connection and is no longer under the control of the water supply official custodian.

"Water Purveyor" means the owner or official custodian of a public water system.

38-3-35 WATER SYSTEM.

(A) The water system shall be considered as made up of two parts: the public water supply system and the consumer's water system.

(B) The public water supply system shall consist of the source facilities and the distribution system, and shall include all those facilities of the potable water system under the control of the Superintendent of Water up to the point where the consumer's water system begins.

(C) The source shall include all components of the facilities utilized in the production, treatment, storage, and delivery of water to the public water supply distribution system.

(D) The public water supply distribution system shall include the network of conduits used to deliver water from the source to the consumer's water system.

(E) The consumer's water system shall include all parts of the facilities beyond the service connection used to convey water from the public water supply distribution system to points of use.

38-3-36 CROSS-CONNECTION PROHIBITED.

(A) Connections between potable water systems and other systems or equipment containing water or other substances of unknown or questionable quality are prohibited except when and where approved cross-connection control devices or methods are installed, tested and maintained to insure proper operation on a continuing basis.

(B) No physical connection shall be permitted between the potable portion of a supply and any other water supply not of equal or better bacteriological and chemical quality as determined by inspection and analysis by the Agency.

(C) There shall be no arrangement or connection by which an unsafe substance may enter a supply.

38-3-37 SURVEY AND INVESTIGATIONS.

(A) The consumer's premises shall be open at all reasonable times to the approved cross-connection control device inspector for the inspection of the presence or absence of cross-connections within the consumer's premises, and testing, repair and maintenance of cross-connection control devices within the consumer's premises.

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(B) On request of the Superintendent, or his authorized representative, the consumer shall furnish information regarding the piping system or systems or water use within the customer's premises. The consumer's premises shall be open at all reasonable times to the Superintendent of Water for the verification of information submitted by the inspection consumer to the public water supply custodian regarding cross-connection inspection results.

(C) It shall be the responsibility of the water consumer to arrange periodic surveys of water use practices on his premises to determine whether there are actual or potential cross-connections to his water system through which contaminants or pollutants could backflow into his or her public potable water system. All cross-connection control or other plumbing inspections must be conducted in accordance with **Ill. Comp. Stat., 1992, Ch. 225, par. 320/3(l)**.

(D) It is the responsibility of the water consumer to prevent backflow into the public water system by ensuring that:

- (1) All cross-connections are removed; or approved cross-connection control devices are installed for control of backflow and back-siphonage.
- (2) Cross-connection control devices shall be installed in accordance with the manufacturer's instructions.
- (3) Cross-connection control devices shall be inspected at the time of installation and at least annually by a person approved by the Agency as a cross-connection control device inspector (CCCDI). The inspection of mechanical devices shall include physical testing in accordance with the manufacturer's instructions.
- (4) Testing and Records
 - (a) Each device shall be tested at the time of installation and at least annually or more frequently if recommended by the manufacturer.
 - (b) Records submitted to the community public water supply shall be available for inspection by Agency personnel in accordance with **Ill. Comp. Stat., Ch. 415, par. 5/4(e)**.
 - (c) Each device shall have a tag attached listing the date of most recent test, name of CCCDI, and type and date of repairs.
 - (d) A maintenance log shall be maintained and include:
 1. date of each test;
 2. name and approval number of person performing the test;

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3. test results;
4. repairs or servicing required;
5. repairs and date completed; and
6. servicing performed and date completed.

38-3-38 WHERE PROTECTION IS REQUIRED.

(A) An approved backflow device shall be installed on all connections to the public water supply as described in the Plumbing Code, 77 Ill. Adm. Code 890 and the Agency's regulations 35 Ill. Adm. Code 680. In addition, an approved backflow prevention device shall be installed on each service line to a consumer's water system serving premises, where in the judgement of the Superintendent, actual or potential hazards to the public water supply system exist.

(B) An approved backflow prevention device shall be installed on each service line to a consumer's water system serving premises where the following conditions exist:

- (1) Premises having an auxiliary water supply, unless such auxiliary supply is accepted as an additional source by the Superintendent of Water and the source is approved by the Illinois Environmental Protection Agency.
- (2) Premises on which any substance is handled which can create an actual or potential hazard to the public water supply system. This shall include premises having sources or systems containing process fluids or waters originating from the public water supply system which are no longer under the sanitary control of the Superintendent of Water.
- (3) Premises having internal cross-connections that, in the judgment of the Superintendent of Water and/or the Cross-Connection Control Device Inspector, are not correctable or intricate plumbing arrangements which make it impractical to determine whether or not cross-connections exist.
- (4) Premises where, because of security requirements or other prohibitions or restrictions, it is impossible or impractical to make a complete cross-connection survey.
- (5) Premises having a repeated history or cross-connections being established or reestablished.

(C) An approved backflow device shall be installed on all connections to the public water supply as described in the Plumbing Code, 77 Ill. Adm. Code 890 and the Agency's regulations 35 Ill. Adm. Code 653. In addition, an approved backflow

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prevention device shall be installed on each service line to a consumer's water system serving, but not necessarily limited to, the following types of facilities unless the Superintendent of Water determines that no actual or potential hazard to the public water supply system exists:

- (1) Hospitals, mortuaries, clinics, nursing homes.
- (2) Laboratories.
- (3) Piers, docks, waterfront facilities.
- (4) Sewage treatment plants, sewage pumping stations or storm water pumping stations.
- (5) Food or beverages processing plants.
- (6) Chemical plants.
- (7) Metal plating industries.
- (8) Petroleum processing or storage plants.
- (9) Radioactive material processing plants or nuclear reactors.
- (10) Car washes.
- (11) Pesticide, or herbicide or extermination plants and trucks.
- (12) Farm service and fertilizer plants and trucks.

38-3-39**TYPE OF PROTECTION REQUIRED.**

(A) The type of protection required under **Section 38-3-38** of these regulations shall depend on the degree of hazard which exists as follows:

- (1) An approved fixed proper air gap separation shall be installed where the public water supply system may be contaminated with substances that could cause a severe health hazard.
- (2) An approved fixed proper air gap separation or an approved reduced pressure principle backflow prevention assembly shall be installed where the public water supply system may be contaminated with a substance that could cause a system or health hazard.
- (3) An approved fixed proper air gap separation or an approved reduced pressure principle backflow prevention assembly or a double check valve assembly shall be installed where the public water supply system may be polluted with substances that could cause a pollution hazard not dangerous to health.

(B) The type of protection required under **Section 38-3-38** of these regulations shall be an approved fixed proper air gap separation or an approved reduced pressure principle backflow prevention connected to the public water supply when:

(C) Where a public water supply or an auxiliary water supply is used for a fire protection system, reduced pressure

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principle backflow preventers shall be installed on fire safety systems connected to the public water supply when:

- (1) The fire safety system contains antifreeze, fire retardant or other chemicals;
- (2) water is pumped into the system from another source; or
- (3) water flows by gravity from a non-potable source; or water can be pumped into the fire safety system from any other source;
- (4) there is a connection whereby another source can be introduced into the fire safety system.

(D) All other fire safety systems connected to the potable water supply shall be protected by a double check valve assembly on metered service lines and a double detector check valve assembly on unmetered service lines.

38-3-40 BACKFLOW PREVENTION DEVICES.

(A) All backflow prevention devices or methods required by these rules and regulations shall be approved by the Research Foundation for Cross-Connection Control of the University of Southern California, American Water Works Association, American Society of Sanitary Engineering, or American National Standards Institute or certified by the National Sanitation Foundation to be in compliance with applicable industry specification.

(B) Installation of approved devices shall be made in accordance with the manufacturer's instructions. Maintenance as recommended by the manufacturer of the device shall be performed. Manufacturer's maintenance manual shall be available on-site.

38-3-41 INSPECTION AND MAINTENANCE.

(A) It shall be the duty of the consumer at any premises on which backflow prevention devices required by these regulations are installed to have inspection, tests, maintenance and repair made in accordance with the following schedule or more often where inspections indicate a need or are specified in manufacturer's instructions.

- (1) Fixed proper air gap separations shall be inspected to document that a proper vertical distance is maintained between the discharge point of the service line and the flood level rim of the receptacle at the time of installation and at least annually thereafter. Corrections to improper or by passed air gaps shall be made within **twenty-four (24) hours**.
- (2) Double check valve assemblies shall be inspected and tested at time of installation and at least annually thereafter, and required service performed within **five (5) days**.

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- (3) Reduced pressure principle backflow prevention assemblies shall be tested at the time of installation and at least annually or more frequently if recommended by the manufacturer, and required service performed within **five (5) days**.
- (B) Testing shall be performed by a person who has been approved by the Agency as competent to service the device. Proof of approval shall be in writing.
- (C) Each device shall have a tag attached listing the date of most recent test or visual inspection, name of tester, and type and date of repairs.
- (D) A maintenance log shall be maintained and include:
- (1) date of each test or visual inspection;
 - (2) name and approval number of person performing the test or visual inspection;
 - (3) test results;
 - (4) repairs or servicing required;
 - (5) repairs and date completed; and
 - (6) servicing performed and date completed.
- (E) Whenever backflow prevention devices required by these regulations are found to be defective, they shall be repaired or replaced at the expense of the consumer without delay as required by **Section 38-3-41(A)**.
- (F) Backflow prevention devices shall not be bypassed, made inoperative, removed or otherwise made ineffective without specific authorization by the Superintendent of Water.

38-3-42 BOOSTER PUMPS.

- (A) Where a booster pump has been installed on the service line to or within any premises, such pump shall be equipped with a low pressure cut-off device designed to shut-off the booster pump when the pressure in the service line on the suction side of the pump drops to 20 psi or less.
- (B) It shall be the duty of the water consumer to maintain the low pressure cut-off device in proper working order and to certify to the Superintendent of Water, at least once a year, that the device is operable.

38-3-43 VIOLATIONS AND PENALTIES.

- (A) The Superintendent of Water shall deny or discontinue, after reasonable notice to the occupants thereof, the water service to any premises wherein any backflow prevention device required by these regulations is not installed, tested, maintained and repaired in a manner acceptable to the Superintendent of Water, or if it is found that the backflow prevention device has been removed or bypassed, or if an unprotected cross-connection exists on the premises, or if a low pressure cut-off required by these regulations is not installed and maintained in working order.

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(B) Water service to such premises shall not be restored until the consumer has corrected or eliminated such conditions or defects in conformance with these regulations and to the satisfaction of the Superintendent of Water, and the required reconnection fee is paid.

(C) Water service to such premises shall not be restored until the consumer has corrected or eliminated such conditions or defects in conformance with these Regulations and to the satisfaction of the Superintendent of Utilities/Operations.

(D) Neither the Village, the Superintendent, or its assigns, shall be liable to any customers of the Village for any injury, damages or lost revenues which may result from termination.

(Ord. No. 335; 05-03-90)

38-3-44 - 38-3-49 RESERVED.

ARTICLE IV - UTILITY RATES

DIVISION I - GENERAL

38-4-1 BUILDING UNIT DEFINED.

(A) **Dwelling Unit Defined.** A single unit providing complete, independent living facilities for **one (1)** or more persons, including permanent provisions for living, sleeping, eating, cooking and sanitation.

(B) **All Customers Billed.** All persons or families residing in a dwelling, be it an apartment or homes converted into more than **one (1) dwelling**, shall be deemed an individual customer and shall be billed for at least **one (1)** minimum water and/or sewer amount. Each customer shall have a separate billing account with the department.

(C) **Multiple Families in One (1) Dwelling.** When **two (2)** or more families live in **one (1) dwelling**, **one (1)** minimum per family may be charged. If more than the minimums are used, the owner or occupant of such dwelling shall pay the amount over the minimums as provided.

(D) **All New Dwellings to be Individually Metered.** Water service shall be individually metered to all new dwellings; including homes converted into apartments and structures converted into dwellings. (Ord. No. 96-380; 04-18-96)

38-4-2 REVENUES. All revenues and moneys derived from the operation of the water and sewer systems shall be deposited in the Combined Water and Sewage Fund. All such revenues and moneys shall be held by the Village Treasurer separate and apart from his private funds and separate and apart from all other funds of the Village and all of said sum, without any deductions whatever, shall be delivered to the Village Treasurer not more than **ten (10) days** after receipt of the same, or at such more frequent intervals as may, from time to time, be directed by the Village Board.

The Village Treasurer shall receive all such revenues from the water and sewer systems and all other funds and moneys incident to the operation of such systems as the same may be delivered to him and deposit the same in the account of the fund designated as the "Water and Sewage Fund of the Village". The Treasurer shall administer such fund in every respect in the manner provided by the **Illinois Compiled Statutes, Chapter 65. (See Chapter I; Art. II)**

38-4-3 ACCOUNTS. The Village Clerk, with the assistance of the Treasurer, shall establish a proper system of accounts and shall keep proper books, records and accounts in which complete and correct entries shall be made of all transactions relative to the water and sewer systems and at regular annual intervals, he shall cause to be made an audit by an independent auditing concern of the books to show the receipts and disbursements of the water and sewer systems.

In addition to the customary operating statements, the annual audit report shall also reflect the revenues and operating expenses of the wastewater facilities, including a replacement cost, to indicate that sewer service charges under the waste cost recovery system and capital amounts required to be recovered under the industrial cost recovery system do, in fact, meet these regulations. In this regard, the financial information to be shown in the audit report shall include the following:

- (A) Flow data showing total gallons received at the wastewater plant for the current fiscal year.
- (B) Billing data to show total number of gallons billed.
- (C) Debt service for the next succeeding fiscal year.
- (D) Number of users connected to the system.
- (E) Number of non-metered users.
- (F) A list of users discharging non-domestic wastes (industrial users) and volume of waste discharged.

38-4-4 **INITIAL AND MINIMUM CHARGES WHETHER USED OR NOT.**
Deposits and minimum usage charges shall be paid to the Village when utility service is provided regardless of the usage amount. **(Ord. No. 97-400; 09-04-97)**

38-4-5 **ADEQUACY OF WATER SERVICE CHARGE.** The adequacy of water service charge shall be reviewed not less often than annually, by Certified Public Accountants for the Village in their annual audit report. The water service charge shall be revised periodically to reflect a change in local capital costs or O,M&R costs. **(Ord. No. 99-427; 09-02-99)**

38-4-6 **ACCESS TO RECORDS.** The IEPA or its authorized representative shall have access to any books, documents, papers and records of the Village which are applicable to the Village system for user charges for the purpose of making audit, examination, excerpts and transcriptions thereof to insure compliance with the terms of the Loan Agreement and Rules or any State Loan. **(Ord. No. 99-427; 09-02-99)**

38-4-7 - 38-4-9 **RESERVED.**

DIVISION II - WATER AND SEWER RATES

38-4-10 **TAP-ON CHARGES AND FEES.**

(A) **Water Tap – Inside Corporate Village Limits** for a typical tap **one (1) inch** in diameter or less: **Three Thousand One Hundred Dollars (\$3,100.00)**. [See Section **38-3-1**] For tap sizes larger than **one (1) inch**, the fee will be the **one (1) inch** fee plus the additional cost of materials and labor accrued.

(B) **Water Tap – Outside Corporate Village Limits** for a typical tap **one (1) inch** in diameter or less: **Five Thousand Dollars (\$5,000.00)**. For tap sizes larger than **one (1) inch**, the fee will be the **one (1) inch** fee plus the additional cost of materials and labor accrued.

(C) **Sewer Tap.** The fee for new service shall be **Three Thousand Five Hundred Dollars (\$3,500.00)** plus the cost of inspection. An additional sewer tap fee of **One Thousand Nine Hundred Dollars (\$1,900.00)** per each unit connected, with the exception of the first unit connected, shall be applied to all new service to multi-family dwellings (e.g., duplexes would pay a tap on fee of **\$5,400.00** plus the cost of inspection). [See Section **38-5-20**]

(D) **Inspection Fee.** The standard inspection fee of **Fifty Dollars (\$50.00)** is established for sewer taps and other water or sewer disturbances as outlined in Section **38-5-18** or as deemed necessary by the Waterworks Superintendent. [See Section **38-5-11**]
(Ord. No. 11-532; 2011)

38-4-11 WATER AND SEWER RATES. There shall be established the following rates and charges for the use of the water and sewer system of the Village, based upon the amount of water consumed as follows:

- (A) **WATER RATES - INSIDE VILLAGE LIMITS.**
 - First 2,000 gallons per month \$16.85 MINIMUM CHARGE
 - Over 2,000 gallons per month \$ 8.75 per 1,000 gallons
- (B) **WATER RATES - OUTSIDE VILLAGE LIMITS.**
 - First 2,000 gallons per month \$34.75 MINIMUM CHARGE
 - Over 2,000 gallons per month \$13.90 per 1,000 gallons
- (C) **SEWER RATES - ALL.**
 - First 2,000 gallons per month \$ 8.60 MINIMUM CHARGE
 - Over 2,000 gallons per month \$ 3.55 per 1,000 gallons
- (D) **STATE NPDES PERMIT FEE – ALL.** \$ 0.68 MINIMUM CHARGE
- (E) **BULK WATER SALES AT TANK.** \$ 0.25 per 40 gallons

(Ord. No. 10-514; 03-18-10)

38-4-12 UTILITY DEPOSITS. Pursuant to **Section 38-2-6** the deposits are as follows:

- Water and Sewer Deposit \$50.00
- Water Deposit (No Sewer Service) \$50.00
- Sewer Deposit (No Water Service) \$15.00

(Ord. No. 97-400; 09-04-97)

38-4-13 LABOR RATE. The labor rates for water and sewer related activities shall be as follows:

- (A) Village Supervisor Rate \$30.00 per hour
- (B) Village Technician Rate \$25.00 per hour

(Ord. No. 98-405; 03-19-98)

38-4-14 WATER RECONNECTION FEE. Pursuant to **Sections 38-2-1(H)(7)** and **38-3-23(A)**, the reconnection fee shall be **Twenty-Five Dollars (\$25.00)**. **(Ord. No. 97-393; 06-05-97)**

38-4-15 METER TESTING DEPOSIT. Pursuant to **Section 38-2-5** the deposit for meter testing shall be **Twenty-Five Dollars (\$25.00)**. **(Ord. No. 97-393; 06-05-97)**

38-4-16 - 38-4-20 RESERVED.

 DIVISION III - WASTEWATER SERVICE CHARGES

38-4-21 WASTEWATER SERVICE CHARGES.

(A) **Basis for Wastewater Service Charges.** The waste water service charges for the use of and for service supplied by the wastewater facilities of the Village shall consist of a basic user charge for operation and maintenance plus replacement, a debt service charge and a surcharge, if applicable.

The adequacy of the wastewater service charge shall be reviewed annually by Certified Public Accountants for the Village in their annual audit report. The wastewater service charge shall be revised periodically to reflect a change in debt service or a change in operation and maintenance costs including replacement costs.

(B) The Administrative charge is a flat rate per user to defray the cost of billing and collection.

(C) The **debt service charge** shall be computed by dividing the annual debt service of all outstanding bonds by the number of users. Through further divisions, the monthly and quarterly debt service charges can be computed.

(D) The **basic user charge** shall be based on water usage as recorded by water meters and/or sewage meters for wastes having the following normal domestic concentrations:

- (1) A **five (5) day, twenty degree Centigrade (20°C.)** bio-chemical oxygen demand (BOD) of **200 Mg/l.**
- (2) A suspended solids (SS) content of **250 mg/l.**

It shall consist of operation and maintenance costs plus replacement and shall be computed as follows:

- (3) Estimate the projected annual revenue required to operate and maintain the wastewater facilities including a replacement fund and a sewer system reserve fund for the year, for all works categories.
- (4) Proportion the estimated costs to wastewater facility categories by Volume, Suspended Solids and BOD, if possible.
- (5) Estimate wastewater volume, pounds of suspended solids, and pounds of BOD to be treated.
- (6) Proportion the estimated costs to non-industrial and industrial users by volume, suspended solids and BOD.
- (7) Compute costs per 1,000 gallons for normal sewage strength.
- (8) Compute surcharge costs per 1,000 gallons per mg/l in excess of normal sewage strength for BOD and SS.

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(E) A surcharge will be levied to all users whose waters exceed the normal concentration for BOD (200 mg/1) and SS (250 mg/1). The surcharge shall be based on water usage as recorded by water meters and/or sewage meters for all wastes which exceed the **250 mg/1 concentration for BOD and SS** respectively. **Section 38-4-26** specifies the procedure to compute a surcharge.

38-4-22 **MEASUREMENT OF FLOW.** The volume of flow used for computing basic user charges and surcharges shall be the metered water consumption read to the lowest even increments of **one hundred (100) gallons.**

(A) If the person discharging wastes into the public sewers procures any part, or all, of his water from sources other than the Village Waterworks System, all or part of which is discharged into the public sewers, the person shall install and maintain, at his expense, water meters of a type approved by the Superintendent for the purpose of determining the volume of water obtained from these other sources.

(B) Devices for measuring the volume of waste discharged may be required by the Superintendent if these volumes cannot otherwise be determined from the metered water consumption records.

(C) Metering devices for determining the volume of waste shall be installed, owned, and maintained by the person. Following approval and installation, such meters may not be removed, unless service is cancelled, without the consent of the Superintendent.

38-4-23 **DEBT SERVICE CHARGE.** A debt service charge of **Zero Dollars (\$0.00) per month** to each user of the wastewater facility is hereby established.

38-4-24 **BASIC USER RATE.** There shall be and there is hereby established a minimum charge and a basic user rate for the use of and for service supplied by the Wastewater Facilities of the Village.

The flat rate charge will allow a maximum of **two thousand (2,000) gallons** per month.

In the event use of the wastewater facilities is determined by the Village to be in excess of **two thousand (2,000) gallons** per month, the Village may require such flat rate user to install metering devices on the water supply or sewer main to measure the amount of service supplied.

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38-4-25 **SURCHARGE RATE.** The rates of surcharges for BOD and SS shall be as follows:

BOD: \$0.01/pound
 SS: \$0.013/pound

38-4-26 **COMPUTATION OF SURCHARGE.** The concentration of wastes used for computing surcharges shall be established by waste sampling. Waste sampling shall be performed as often as may be deemed necessary by the Superintendent and shall be binding as a basis for surcharges.

38-4-27 **COMPUTATION OF WASTEWATER SERVICE CHARGE.** The wastewater service charge shall be computed by the following formula:

$$CW = CD + CM + (V_u - X) CU + V_u (CS_{BOD} + CS_{SS})$$

Where CW = Amount of Wastewater service charge (\$) per billing period

CD = Debt Service Charge

CM = Minimum Charge for Operation, Maintenance and Replacement (See 38-4-24)

V_u = Wastewater Volume for the billing period

X = Allowable consumption in gallons for the minimum charge (See 38-4-24)

CU = Basic User Rate for Operation, Maintenance and Replacement (See 38-4-24)

CS_{BOD} = Surcharge Rate for BOD

CS_{SS} = Surcharge Rate for Suspended Solids

ARTICLE V - SEWER SYSTEM**DIVISION I - GENERAL PROVISIONS**

38-5-1 **DEFINITIONS.** Unless the context specifically indicates otherwise, the meaning of terms used in this Code shall be as follows:

"GOVERNMENT, FEDERAL".

(A) **"Administrator"** means the Administrator of the U.S. Environmental Protection Agency.

(B) **"Federal Act"** means the Federal Clean Water Act (33 U.S.C. et seq.) as amended, (Pub. L 95-217)

(C) **"Federal Grant"** shall mean the U.S. government participation in the financing of the construction of treatment works as provided for by Title II-Grants for Construction of Treatment Works of the Act and implementing regulations.

(D) **"NPDES Permit"** means any permit or equivalent document or requirements issued by the Administrator, or, where appropriated by the Director, after enactment of the Federal Water Pollution Control Amendments of 1972, to regulate the discharge of pollutants pursuant to Section 402 of the Federal Act.

"GOVERNMENT, STATE".

(A) **"Director"** means the Director of the Illinois Environmental Protection Agency.

(B) **"State Act"** means the Illinois Anti-Pollution Bond Act of 1970.

(C) **"State Grant"** shall mean the State of Illinois participation in the financing of the construction of treatment works as provided for by the Illinois Anti-Pollution Bond Act and for making such grants as filed with the Secretary of Illinois.

"GOVERNMENT, LOCAL".

(A) **"Approving Authority"** means the Village.

(B) **"Person"** shall mean any and all persons, natural or artificial including any individual, firm, company, municipal or private cooperation, association, society, institution, enterprise, governmental agency or other entity.

"SEWER TYPES AND APPURTENANCES".

(A) **"Building Drain"** shall mean that part of the lowest piping of a drainage system which receives the discharge from soil, waste, and other drainage pipes inside the walls of the building and conveys it to the building sewer or other approved point of discharge, beginning **five (5) feet (1.5 meters)** outside the inner face of the building wall.

(B) **"Building Sewer"** shall mean the extension from the building drain to the public sewer or other place of disposal.

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(C) **"Combined Sewer"** shall mean a sewer which is designed and intended to receive wastewater, storm, surface and groundwater drainage.

(D) **"Easement"** shall mean an acquired legal right for the specific use of land owned by other.

(E) **"Public Sewer"** shall mean a sewer provided by or subject to the jurisdiction of the Village. It shall also include sewers within or outside the Village boundaries that serve **one (1)** or more persons and ultimately discharge into the Village sanitary sewer or combined sewer system, even though those sewers may not have been constructed with Village funds.

(F) **"Sanitary Sewer"** shall mean a sewer that conveys sewage or industrial wastes or a combination of both, and into which storm, surface and groundwaters or unpolluted industrial wastes are not intentionally admitted.

(G) **"Sewer"** shall mean a pipe or conduit for conveying including storms, surface and mean a sewer which is design. storm, surface and ground sewage or any other waste liquids, groundwater drainage.

(H) **"Sewerage"** shall mean the system of sewers and appurtenances for the collection, transportation and pumping of sewage.

(I) **"Storm Sewer"** shall mean a sewer that carries storm, surface and groundwater drainage, but excludes sewage and industrial wastes other than unpolluted cooling water.

(J) **"Stormwater Runoff"** shall mean that portion of the precipitation that is drained into the sewers.

"TREATMENT":

(A) **"Pretreatment"** shall mean the treatment of waste water from sources before introduction into the wastewater treatment works.

(B) **"Wastewater Treatment Works"** shall mean an arrangement of devices and structures for treating wastewater, industrial wastes, and sludge. Sometimes used as synonymous with "waste treatment plant" or "wastewater treatment plant" or "pollution control plant".

"TYPES OF CHARGES":

(A) **"Basic User Charge"** shall mean the basic assessment levied on all users of the public sewer system.

(B) **"Debt Service Charge"** shall be the amount to be paid each billing period for payment of interest, principal and coverage of (loan, bond, etc.) outstanding and shall be computed by dividing the annual debt service by the number of users connected to the Wastewater Facilities.

(C) **"Replacement"** shall mean expenditures for obtaining and installing equipment, accessories, or appurtenances which are necessary during the service life of the treatment works to maintain the capacity and performance for which such works were designed and constructed. The term "operation and maintenance" includes replacement.

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(D) **"Sewerage Fund"** is the principal accounting designation for all revenues received in the operation of the sewerage system.

(E) **"Surcharge"** shall mean the assessment in addition to the basic user charge and debt service charge which is levied on those persons whose wastes are greater in strength than average concentration values as established by code.

(F) **"Useful Life"** shall mean the estimated period during which the collection system and/or treatment works will be operated.

(G) **"User Charge"** shall mean a charge levied on users of treatment works for the cost operation and maintenance.

(H) **"Wastewater Service Charge"** shall be the charge per quarter or month levied on all users of the Wastewater Facilities. The service charge shall be computed as outlined in this article and shall consist of the total or the Basic User Charge, the Debt Service Charge and a Surcharge, if applicable.

"USER TYPES":

(A) **"Manhole"** shall mean a structure located on a site from which industrial wastes are discharged. Where feasible, the manhole shall have an interior drop. The purpose of a "control manhole" is to provide access for the Village representative to sample and/or measure discharges.

(B) **"Commercial User"** shall include transit lodging, retail and wholesale establishments or places engaged in selling merchandise, or rendering services.

(C) **"Institutional/Governmental User"** shall include schools, hospitals, churches, penal institutions, and users associated with Federal, State, and local government.

(D) **"Industrial User"** shall mean include establishments engaged in manufacturing activities involving the mechanical or chemical transformation of materials of substance into products.

(E) **"Residential User"** shall mean all dwelling units such as houses, mobile homes, apartments, and permanent multi-family dwellings.

(F) **"User Class"** shall mean the type of user either "residential, institutional/governmental, or commercial", or "industrial" as defined herein.

"WASTEWATER FACILITIES" shall mean the structures, equipment, and processes required to collect, carry away, and treat domestic and industrial wastes and transport effluent to a watercourse.

"WATERCOURSE AND CONNECTIONS":

(A) **"Watercourse"** shall mean a channel in which a flow of water occurs, either continuously or intermittently.

(B) **"Natural Outlet"** shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.

*Revised Code***"WASTEWATER AND ITS CHARACTERISTICS":**

(A) **"BOD"** (denoting Biochemical Oxygen Demand) shall mean the quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedure in **five (5) days at twenty degrees centigrade (20°C)**, expressed in milligrams per liter.

(B) **"Effluent Criteria"** are defined in any applicable "NPDES Permit".

(C) **"Floatable Oil"** is oil, fat, or grease in a physical state such that it will separate by gravity from wastewater by treatment in an approved pretreatment facility. A wastewater shall be considered free of floatable fat if it is properly pretreated and the wastewater does not interfere with the collection system.

(D) **"Garbage"** shall mean solid wastes from the domestic and commercial preparation, cooking, and dispensing of food, and from the handling, storage and sale of produce.

(E) **"Industrial Waste"** shall mean any solid, liquid or gaseous substance discharged, permitted to flow or escaping from any industrial, manufacturing, commercial or business establishment or process or from the development, recovery or processing of any natural resource as distinct from sanitary sewage.

(F) **"Major Contributing Industry"** shall mean an industrial user the publicly owned treatment works that:

- (1) Has a flow of **fifty thousand (50,000) gallons** or more per average work day; or
- (2) Has a flow greater than **ten percent (10%)** of the flow carried by the municipal system receiving the waste; or
- (3) Has in its waste, a toxic pollutant in toxic amounts as defined in standards issued under Section 307(a) of the Federal Act; or
- (4) Is found by the permit issuance authority, in connection with the issuance of the NPDES permit to the publicly owned treatment works receiving the waste, to have significant impact, either singly or in combination with other contributing industries, on that treatment works or upon the quality of effluent from that treatment works.

(G) **"Milligrams per Liter"** (mg/l) shall mean a unit of the concentration of water or wastewater constituent. It is 0.001 gram of the constituent in 1,000 milliliter of water. It has replaced the unit formerly used commonly, parts per million, to which it is approximately equivalent, in reporting the results of water and wastewater analysis.

(H) **"pH"** shall mean the logarithm (base 10) of the reciprocal of the hydrogen-ion concentration expressed by one of the procedures outlined in the IEPA Division of Laboratories Manual of Laboratory Methods.

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(I) **"Population Equivalent"** is a term used to evaluate the impact of industrial or other waste on a treatment works or stream. One population equivalent is **one hundred (100) gallons** of sewage per day, containing 0.17 pounds of BOD and 0.21 pounds of suspended solids.

(J) **"ppm"** shall mean parts per million by weight.

(K) **"Properly Shredded Garbage"** shall mean the wastes from the preparation, cooking, and dispensing of food that have been shredded to such a degree that all particles will be carried freely under the flow conditions normally prevailing in public sewers, with no particle greater than **one-half (1.2) inch (1.27 centimeters)** in any dimension.

(L) **"Sewage"** is used interchangeably with "wastewater".

(M) **"Slug"** shall mean any discharge of water, sewage or industrial waste which in concentration of any given constituent or in quantity of flow exceeds for any period of duration longer than **fifteen (15) minutes** more than **five (5) times** the average **twenty-four (24) hour** concentration or flows during normal operation.

(N) **"Suspended Solids"** (SS) shall mean solids that either float on the surface of, or are in suspension in water, sewage, or industrial waste, and which are removable by a laboratory filtration device. Quantitative determination of suspended solids shall be made in accordance with procedures set forth in the IEPA Division of Laboratories Manual of Laboratory Methods.

(O) **"Unpolluted Water"** is water of quality equal to or better than the effluent criteria in effect or water that would not cause violation of receiving water quality standards and would not be benefited by discharge to the sanitary sewers and waste water treatment facilities provided.

(P) **"Wastewater"** shall mean the spent water of a community. From this standpoint of course, it may be a combination of the liquid and water-carried wastes from residences, commercial buildings, industrial plants, and institutions, together with any groundwater, surface water, and stormwater that may be present.

(Q) **"Water Quality Standards"** are defined in the Water Pollution Regulations of Illinois.

38-5-2 - 38-5-4 RESERVED.

DIVISION II

USE OF PUBLIC SEWERS REQUIRED

38-5-5 **DEPOSIT OF WASTES.** It shall be unlawful for any person to place, deposit, or permit to be deposited in any unsanitary manner on public or private property within the Village or in any area under the jurisdiction of the Village, any human or animal excrement, garbage or other objectionable waste.

38-5-6 **POLLUTING WATERS.** It shall be unlawful to discharge to any natural outlet within the Village, or in area under the jurisdiction of the Village, any sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this Code.

38-5-7 **PRIVATE DISPOSAL FACILITIES.** Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic tank, cesspool, or other facility intended or used for the disposal of sewage. This exception does not exclude or limit the use of portable toilets by Civic Organizations for use during public activities. When portable toilets are used, they shall not be used by any one organization for more than a **ninety (90) days** period. Portable toilets shall not be placed within **one hundred fifty (150) feet** of any houses, or buildings. Portable toilets shall be emptied, cleaned, and sanitized a minimum of once a week or sooner, if required. Any organization which allows such toilets to become unsanitary or a nuisance shall be subject to the penalties as stated in **Article VII** of this Code.

38-5-8 **DISCONTINUANCE OF PRIVATE DISPOSAL SYSTEM.** The owner of all the houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes situated within the Village and abutting on any street, alley, right-of-way in which there is now located or may in the future be located any public sanitary (or combined) sewer of the Village is hereby required at his expense to install suitable toilet facilities therein, and to connect such facilities directly with the proper public sewer in accordance with the provisions of this Code, **within ninety (90) days** after date of official notice to do so, provided that said public sewer is within **one hundred (100) feet (30.5 meters)** of the property line.

38-5-9 **RESERVED.**

DIVISION III – PRIVATE SEWAGE DISPOSAL

38-5-10 **PRIVATE SYSTEM REGULATIONS.** Where a public sanitary sewer is not available under the provisions of **Section 38-5-8**, the building sewer shall be connected to a private sewage disposal system complying with the provisions of this Division.

38-5-11 **PRIVATE SEWER SYSTEM PERMITS.** Before commencement of construction of a private sewage disposal system the owner shall first obtain a written permit signed by the Superintendent. The application for such permit shall be made on a form furnished by the Superintendent, whom the applicant shall supplement by any plans, specifications and other information as deemed necessary by the Superintendent. The Superintendent shall make an inspection and the inspection fee shall be paid to the Village at the time the application is filed. (See **Article IV** for fee.) (**Ord. No. 97-400; 09-04-97**)

38-5-12 **INSPECTION.** A permit for a private sewage disposal system shall not become effective until the installation is completed to the satisfaction of the County Inspector. He shall be allowed to inspect the work at any stage of construction and, in any event, the applicant for the permit shall notify the Superintendent when the work is ready for final inspection, and before any underground portions are covered. The inspection shall be made within **forty-eight (48) hours** of the receipt of written notice by the Superintendent.

38-5-13 **REQUIREMENTS FOR SYSTEM.** The type, capacities, location, and layout of a private sewage disposal system shall comply with all recommendations of the State of Illinois Private Sewage Disposal Licensing Act and Code and with the State of Illinois Environmental Protection Agency. No permit shall be issued for any private sewage disposal system employing subsurface soil absorption facilities where the area of the lot is less than **ten thousand (10,000) square feet**. No septic tank or cesspool shall be permitted to discharge to any natural outlet.

38-5-14 **MAINTENANCE OF PRIVATE SYSTEM.** The owner shall operate and maintain the private sewage disposal facilities in a sanitary manner at all times, and at no expense to the Superintendent.

38-5-15 **ADDITIONAL REQUIREMENTS.** No statement contained in this Article shall be construed to interfere with any additional requirements that may be imposed by the County Health Department.

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38-5-16 **AVAILABILITY OF PUBLIC CONNECTION.** At such time as a public sewer becomes available to a property served by a private sewage disposal system, as provided in **Section 38-5-8**, a direct connection shall be made to the public sewer in compliance with this Code, the building sewer shall be connected to the public sewer within **sixty (60) days** and the private sewage disposal system shall be cleaned of sludge and filled with clean bank-run gravel or dirt.

38-5-17 **RESERVED.**

DIVISION IV – BUILDING SEWERS AND CONNECTIONS

38-5-18 **PERMIT REQUIRED.** No unauthorized person shall uncover, make any connections with, or opening into; cut; remove; cap-off; use; alter; or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Superintendent. All references to “by the Village” shall mean the Superintendent if there is one. (**Ord. No. 97-400; 09-04-97**)

38-5-19 **UNLAWFUL DISCHARGES.** All disposal by any person into the sewer system is unlawful except those discharges in compliance with Federal Standards promulgated pursuant to the Federal Act and more stringent State and local standards.

38-5-20 **APPLICATION FOR SEWER TAPS AND SERVICE CONNECTIONS.**

- (A) There shall be **two (2) classes** of building sewer permits as follows:
- (1) Residential and commercial service.
 - (2) Service to establishments producing industrial wastes.
- (B) In either case, the owner or his agent shall make applications on a special form furnished by the Village.
- (C) The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the Superintendent.
- (D) **Payment Shall Accompany Application.** The sewer tap-on fee and full deposit shall accompany the application. (**See Article IV for fees.**)
(**Ord. No. 98-405; 03-19-98**)

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38-5-21 **CAPACITY OF SEWER.** A building sewer permit will only be issued and a sewer connection shall only be allowed if it can be demonstrated that the downstream sewerage facilities, including sewers, pump stations and wastewater treatment facilities, have sufficient reserve capacity to adequately and efficiently handle the additional anticipated waste load.

38-5-22 **OWNER RESPONSIBLE FOR INSTALLING AND MAINTAINING SEWER SERVICE LINES.** All costs and expense incident to the installation and connection of the building sewer and maintenance thereof shall be borne by the owner. The owner shall indemnify the Village from any loss or damage that may directly or indirectly be occasioned by the installation of the building sewer. The labor for tapping onto the Village sewer system and maintaining service line shall be performed by a contractor and subject to final inspection by the Superintendent.

Owner is responsible entirely for the building sewer service line installation and maintenance up to and including the tap into the Village main. (Ord. No. 98-405; 03-19-98)

38-5-23 **INDEPENDENT BUILDING SEWER REQUIRED.** A separate and independent building sewer shall be provided for every building, except that where one building stands at the rear of another on an interior lot and no private sewer is available or can be constructed to the rear building through an adjoining alley, court, yard, or driveway, the building sewer from the front building may be extended to the rear building and the whole considered as one building sewer.

38-5-24 **OLD BUILDING SEWERS.** Old building sewers may be used in connection with new buildings only when they are found, on examination and test by the Village, to be of similar material and construction to that required of new sewers.

38-5-25 **SIZE AND ALIGNMENT.** The size, slope, alignment, materials of construction of a building sewer, and the methods to be used in excavating, placing of the pipe, jointing, testing, and backfilling the trench, shall all conform to the requirements of the building and plumbing code or other applicable rules and regulations of the Village. In the absence of code provisions or in amplification thereof, the materials and procedures set forth in appropriate specifications of the American Society of Testing Materials, Water Pollution Control Federation Manual of Practice No. 9, and Standard Specifications for Water and Sewer Main Construction in Illinois shall apply. (See Appendix)

38-5-26 **ELEVATION.** Whenever possible, the building sewer shall be brought to the building at an elevation below the basement floor. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, sanitary sewage carried by such building drain shall be lifted by a means which is approved in accordance with **Section 38-5-20**, and discharged to the building sewer.

38-5-27 **DOWNSPOUTS PROHIBITED.** No person(s) shall make connection of roof downspouts, exterior foundation drains, areaway drains, or other sources of surface runoff or groundwater to a building sewer or building drain which in turn is connected directly or indirectly to public sanitary sewer.

38-5-28 **BUILDING SEWER; PLUMBING CODE.** The connection of the building sewer into the public sewer shall conform to the requirements of the building and plumbing code, or other applicable rules and regulations of the Village, or the procedures set forth in appropriate specifications of the American Society of Testing Materials, Water Pollution Control Federation Manual of Practice No. 9, and **Standard Specifications for Water and Sewer Main Construction in Illinois**. All such connections shall be made gastight and watertight. Any deviation from the prescribed procedures and materials must be approved by the Village before installation.

38-5-29 **NOTIFICATION FOR INSPECTION.** The applicant for the building sewer permit shall notify the Village when the building sewer is ready for inspection and connection to the public sewer, and the Village shall make an inspection within **twenty-four (24) hours**. The connection shall be made under the supervision of the Village or his representative.

38-5-30 **BARRICADES AT EXCAVATIONS.** All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work shall be restored in a manner satisfactory to the Village.

38-5-31 - 38-5-34 **RESERVED.**

DIVISION V**USE OF PUBLIC SEWERS**

38-5-35 **DISCHARGE OF STORM WATER.** No person shall discharge, or cause to be discharged, any stormwater, surface water, ground water roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer.

38-5-36 **STORM WATER DISCHARGE.** Stormwater and all other unpolluted drainage shall be discharged to such sewers as are specifically designated as storm sewers, or to a natural outlet approved by the Village. Industrial cooling water or unpolluted process waters may be discharged on approval of the Village, to a storm sewer, or natural outlet.

38-5-37 **PROHIBITED DISCHARGES TO SEWERS.** No person shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

(A) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solids, or gas.

(B) Any waters or wastes containing toxic or poisonous solids, liquids, or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any sewage treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the receiving waters of the sewage treatment plant.

(C) Any waters or wastes having a pH lower than 5.5; or having any other corrosive property capable of causing damage or hazard to structures, equipment, and personnel of the sewage works.

(D) Solid or viscous substances in quantities or of such size capable of causing obstruction to the flow in sewers, or other interference with the proper operation of the sewageworks such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc., either whole or ground by garbage grinders.

38-5-38 **INDUSTRIAL DISCHARGES.** No industrial user may discharge sewage into any public sewer until the Village has adopted an industrial cost recovery system which:

(A) Meets the requirements of **Section 204(b)(1)(B)** of the Federal Water Pollution Control Act Amendments of 1972 and applicable federal regulations; and

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(B) Has been approved by the agency in accordance with the conditions of any grant made to the Village by the United States Environmental Protection Agency or by the State of Illinois for construction of any part of the sewer system or sewage treatment works of the Village.

38-5-39 **SPECIFIC SUBSTANCES PROHIBITED.** No person shall discharge or cause to be discharged the following described substances, materials, waters, or wastes if it appears likely in the opinion of the Village that such wastes can harm either the sewers, sewage treatment process or equipment; have an adverse effect on the receiving stream; or can otherwise endanger life, limb, public property, or constitute a nuisance. In forming his opinion as to the acceptability of these wastes, the Village will give consideration to such factors as the quantities of subject wastes in relation to flows and velocities in the sewers, materials of construction of the sewers, nature of the sewage treatment process, capacity of the sewage treatment plant, degree of treatability of wastes in the sewage treatment plant, and maximum limits established by regulatory agencies. The substances prohibited are:

(A) Any liquid or vapor having a temperature higher than **One Hundred Fifty degrees Fahrenheit (150°F), (65°C)**.

(B) Any waters or wastes containing toxic or poisonous materials; or oils, whether emulsified or not, in excess of **One Hundred (100) mg/l** or containing substances which may solidify or become viscous at temperatures between **thirty-two (32) and One Hundred fifty degrees Fahrenheit (150°F), (0 and 65°C)**.

(C) Any garbage that has not been properly shredded. The installation and operation of any garbage grinder equipped with a motor of **three-fourths (3/4) horsepower (0.76 hp metric)** or greater shall be subject to the review and approval of the Village.

(D) Any waters or wastes containing strong acid, iron pickling wastes, or concentrated plating solution whether neutralized or not.

(E) Any waters or wastes containing iron, chromium, copper, zinc, or similar objectionable or toxic substances; or wastes exerting an excessive chlorine requirement, to such degree that any such material received in the composite sewage at the sewage treatment works exceeds the limits established by the Village for such materials.

(F) Any waters or wastes containing phenols or other waste odor-producing substances, in such concentration exceeding limits which may be established by the Village as necessary after treatment of the composite sewage, to meet the requirements of the State, Federal, or other public agencies of jurisdiction for such discharge to the receiving waters.

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(G) Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Village in compliance with applicable State or Federal regulations.

(H) Any wastes or waters having a pH in excess of 9.5.

(I) Any mercury or any of its compounds in excess of **0.0005 mg/1 as Hg** at any time except as permitted by the Superintendent in compliance with applicable State and Federal regulations.

(J) Any cyanide in excess of **.025mg/1** at any time except as permitted by the Village in compliance with applicable State and Federal regulations.

(K) Materials which exert or cause:

- (1) unusual concentrations or inert suspended solids (such as, but not limited to, Fullers earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride and sodium sulfate);
- (2) excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions);
- (3) unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the sewage treatment works;
- (4) unusual volume of flow or concentrations of wastes constituting "slugs" as defined herein.

(L) Waters or wastes containing substances which are not amendable to treatment or reduction by the sewage treatment processes employed, or are amendable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of agencies having jurisdiction over discharge to the receiving waters.

38-5-40 APPROVAL OF PROHIBITED WASTES.

(A) If any waters or wastes are discharged or are proposed to be discharged to the public sewers, which waters contain the substances or possess the characteristics enumerated in **Section 38-5-39** of this Division, and/or which are in violation of the standards for pretreatment provided in **40 CFR 403, June 26, 1978** and any amendments thereto, and which in the judgment of the Village may have a deleterious effect upon the sewage works, processes, equipment, or receiving waters, or which otherwise create a hazard to life or constitute a public nuisance, the Village may:

- (1) reject the wastes;
- (2) require pretreatment to an acceptable condition for discharge; and/or;
- (3) require control over the quantities and rates for discharge; and/or;

- (4) require payment to cover the added costs of handling and treating the wastes not covered by existing taxes or sewer charges, under the provisions of **Section 38-5-45**.

(B) If the Village permits the pretreatment or equalization of waste flows, the design and installation of the plants and equipment shall be subject to the review and approval of the Superintendent, and subject to the requirements of all applicable codes, articles, and laws.

38-5-41 INTERCEPTORS PROVIDED.

(A) Grease, oil, and sand interceptors shall be provided in accordance with the Illinois State Plumbing Code to assure the proper handling of liquid wastes containing grease in excessive amounts, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be of a type and capacity approved by the Village and shall be located as to be readily and easily accessible for cleaning and inspection. All grease interceptors shall be serviced and emptied of accumulated waste content as required or at a minimum of once every **four (4) months** in order to maintain minimum design capability or effective volume of the grease interceptor and to prevent carry over of grease into the sanitary sewer system. All fast food and sit-down restaurants shall install a grease interceptor with a capacity of at least **one thousand five hundred (1,500) gallons**, and designed in accordance with **Appendix "A"**. Food establishments that serve a minimum amount of fried foods such as deli sandwich shops, shall install a grease interceptor with a capacity of at least **one thousand (1,000) gallons**, and designed in accordance with **Appendix "B"**.

(B) Users whose operations cause or allow excessive grease to discharge or accumulate in the Village wastewater collection and treatment system may be liable to the Village for costs related to service calls for sewer line blockages, line cleaning, line and pump repairs, etc. including all labor, materials, and equipment. Failure to pay all service related charges may also be grounds for sewer service discontinuance.

(C) **Maintenance Log.** A grease trap cleaning/maintenance log indicating each pumping for the previous **twenty-four (24) months** shall be maintained by each Food Service Facility. This log shall include the date, time, amount pumped, hauler, and disposal site and shall be kept in a conspicuous location for inspection. Said log shall be made available to the Village or his representative upon request.

(D) **Submittal of Records.** Each user shall submit all cleaning and maintenance records to the Village. The maintenance records shall include the following information:

- (1) Facility name, address, contact person, and phone number.
- (2) Company name, address, phone number, and contact name of person responsible for performing the maintenance, cleaning, pumping, or repair of grease trap.
- (3) Types of maintenance performed.
- (4) Dates maintenance was performed.
- (5) Date of next scheduled maintenance.
- (6) Copies of manifests.
- (7) The user shall be required to submit maintenance records to the Village on an annual basis. Records shall be submitted by **September 1st** of each year. The records shall be submitted to:

Attn: Wastewater Superintendent

(E) The Village will perform periodic inspections of these facilities and shall notify the user of any additional required maintenance or repairs. Upon written notification by the Village, the user shall be required to perform the maintenance and records of said maintenance within **fourteen (14) calendar days**. Upon inspection by the Village the user may be required to install, at his expense, additional controls to provide a complete system which prevents discharges of undesirable materials into the wastewater collection system.

(F) **Control Plan for Fats, Oils, Greases (FOG) and Food Waste.**

- (1) Any new construction, renovation, or expansion of Food Service Facilities shall be required to submit to the Village a FOG and food waste control plan that will effectively control the discharge of undesirable materials into the wastewater collection system.
- (2) Any existing Food Service facilities shall also be required to submit a FOG and food waste control plan that will effectively control the discharge of undesirable materials into the wastewater collection system. Existing facilities shall not be exempt from the requirements of this Section. There will be no "Grandfathering".

(G) **Exceptions to the Above.** Should existing facilities be hampered by space constraints or restrictions caused by unchangeable plumbing, an alternative interceptor may be approved, provided that:

- (1) Said interceptor and installation is endorsed by a licensed plumbing contractor in regard to its operability.
- (2) Said interceptor and installation is endorsed by the Village Engineer.
- (3) Said interceptor and installation is approved by the Superintendent and the Water and Sewer Committee.

Such installations may be subject to more stringent inspections and maintenance schedules.

38-5-42 FACILITY MAINTENANCE. Where preliminary treatment or flow-equalizing facilities are provided, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.

38-5-43 INDUSTRIAL WASTES CONTROL MANHOLE. Each industry shall be required to install a control manhole and, when required by the Village, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control manhole together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling, and measurement of the wastes. Such manhole, when required, shall be accessible and safety located, and shall be constructed in accordance with plans approved by the Village. The manhole shall be installed by the owner at his expense, and shall be maintained by him so as to be safe and accessible at all times.

38-5-44 LABORATORY ANALYSES.

(A) The owner of any property serviced by a building sewer carrying industrial wastes shall provide laboratory measurements, tests, and analyses of waters and

wastes to illustrate compliance with this Code and any special conditions for discharge established by the Village or regulatory agencies having jurisdiction over the discharge.

(B) The number, type, and frequency of laboratory analyses to be performed by the owner shall be as stipulated by the Village, but no less than once per year the industry must supply a complete analysis of the constituents of the wastewater discharge to assure that compliance with the Federal, State, and local standards are being met. The owner shall report the results of measurements and laboratory analyses to the Village at such times and in such a manner as prescribed by the Village. The owner shall bear the expense of all measurements, analyses, and reporting required by the Village. At such times as deemed necessary the Village reserves the right to take measurements and samples for analysis by an outside laboratory service.

38-5-45 TESTING REQUIREMENTS. All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this Code shall be determined in accordance with the latest edition of IEPA Division of Laboratories Manual of Laboratory Methods, and shall be determined at the control manhole provided, or upon suitable samples taken at the control manhole. In the event that no special manhole has been required the control manhole shall be considered to be the nearest downstream manhole in the public sewer to the point at which the building sewer is connected. Sampling shall be carried out by customarily accepted methods to reflect the effect of constituents upon the sewage works and to determine the existence of hazards to life, limb, and property. (The particular analyses involved will determine whether a **twenty-four (24) hour** composite of all outfalls of a premise is appropriate or whether a grab sample or samples should be taken. Normally, but not always, BOD and suspended solids analyses are obtained from **twenty-four (24) hour** composites of all outfalls, whereas pH's are determined from periodic grab samples.)

38-5-46 SPECIAL ARRANGEMENTS. No statement contained in this Article shall be construed as preventing any special agreement or arrangement between the Village and any industrial concern whereby an industrial waste of unusual strength or character may be accepted by the Village for treatment, subject to payment therefore, in accordance with the Chapter, hereof, by the industrial concern provided such payments are in accordance with Federal and State guidelines for User Charge System and Industrial Cost Recovery System.

38-5-47 - 38-5-49 RESERVED.

DIVISION VI - PROTECTION OF SEWAGE WORKS FROM DAMAGE

38-5-50 **UNAUTHORIZED DAMAGE.** No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, or tamper with any structure, appurtenance, or equipment which is part of the sewage works. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

38-5-51 **RESERVED.**

DIVISION VII - POWERS AND AUTHORITY OF INSPECTORS

38-5-52 **INSPECTION AND TESTING.**

(A) The Village and other duly authorized employees of the Village, the Illinois Environmental Protection Agency, and the United States Environmental Agency, bearing proper credentials and identification, shall be permitted to enter all properties for the purposes of inspection, observation, measurement, sampling, and testing in accordance with the provisions of this Code.

(B) The Village or his representative shall have no authority to inquire into any processes, including metallurgical, chemical, oil refining, ceramic, paper, or other industries beyond that point having a direct bearing on the kind and source of discharge to the sewers or waterway or facilities for waste treatment.

38-5-53 **OBSERVATION OF SAFETY RULES.** While performing the necessary work on private properties referred to in **Section 38-5-52** above, the Village or duly authorized employees of the Village, the Illinois Environmental Protection Agency, and the United States Environmental Protection Agency shall observe all safety rules applicable to the premises established by the company and the company shall be held harmless for injury or death to the Village employees and the Village shall indemnify the company against liability claims and demands for personal injury or property damage asserted against the company and growing out of the gauging and sampling operation, except as such may be caused by negligence or failure of the company to maintain conditions as required in **Section 38-5-43**.

38-5-54 **PRIVATE PROPERTY INSPECTIONS.** The Village and other duly authorized employees of the Village bearing proper credentials and identification shall be permitted to enter all private properties through which the Village holds a duly negotiated easement for the purposes of, but not limited to, inspection, observation, measurement, sampling, repair, and maintenance of any portion of the sewage works lying within the easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

38-5-55 - 38-5-59 **RESERVED.**

DIVISION VIII

PENALTIES

38-5-60 **PRESCRIBED VIOLATION.** Any person found to be violating any provisions of **Divisions II** through **V** and **Division VII** of this Code shall be served by the Village with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. The offender shall, within the period of time stated in such notice, permanently cease all violations. The Village may revoke any permit for sewage disposal as a result of any violation of any provision of this Code.

38-5-61 **CONTINUED VIOLATION.** Any person who shall continue any violation beyond the time limit provided for in **Section 38-5-60**, shall upon conviction, be fined in the amount not less than **Fifty Dollars (\$50.00)** nor more than **Five Hundred Dollars (\$500.00)** for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.

38-5-62 **LIABILITY OF PERSON.** Any person violating any of the provisions of this Code shall become liable to the Village by reasons of such violation.

(This Chapter Ord. No. 281; 07-05-91)

ARTICLE VI

EXTENSION OF UTILITIES

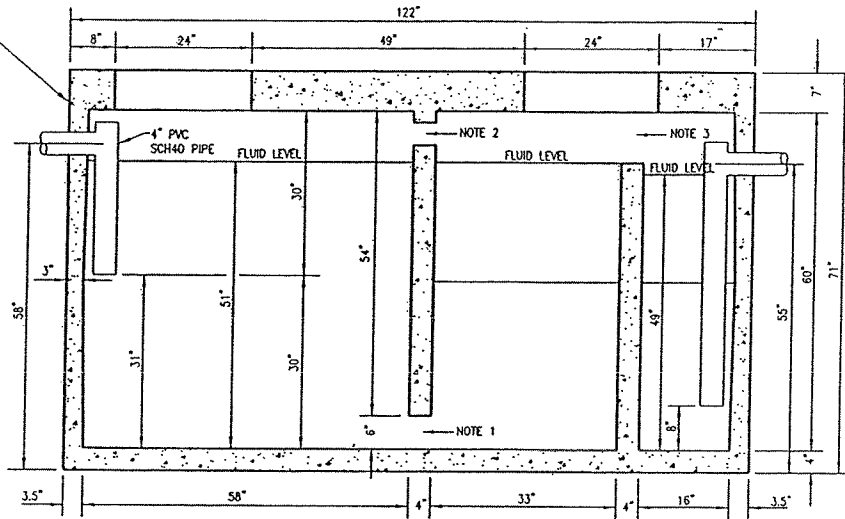
38-6-1 **DETERMINATION OF WHO PAYS EXPENSE OF EXTENSION.** The Village Board shall first determine if an extension of a water or sewer main is economically feasible based on the estimated cost of the extension and the number of existing potential users that will be served by the extension. If the extension is economically feasible, then the Village may install and pay the cost of the extension at the discretion of the Village Board. If the Village elects not to pay the cost of extending the water or sewer main, then the person or persons desiring water or sewer service shall install the extension at their own personal expense upon written consent by the Village Board. The Village shall not pay for any extension to an undeveloped area such as a subdivision being developed unless there are sufficient existing residents or businesses to make the extension economically feasible. **(See Chapter 34 - Subdivision Code)**

38-6-2 **REQUIREMENTS IF EXTENSION IS INSTALLED BY SOMEONE OTHER THAN THE VILLAGE.**

- (A) The Village shall approve all plans and specifications for any extensions.
- (B) Before any extensions are installed, the plans and specifications must be reviewed and approved by the State of Illinois, Environmental Protection Agency.
- (C) Ownership, rights-of-way, and title must be conveyed to the Village for all extensions installed by anyone other than the Village. The Village will maintain the mains thereafter.
- (D) No extension will be permitted if in the opinion of the Village Board, the System does not have necessary capacity to serve the proposed extension.
- (E) All legal and engineering fees associated with the extension and charged to the Village shall be paid by the developer, unless otherwise provided.

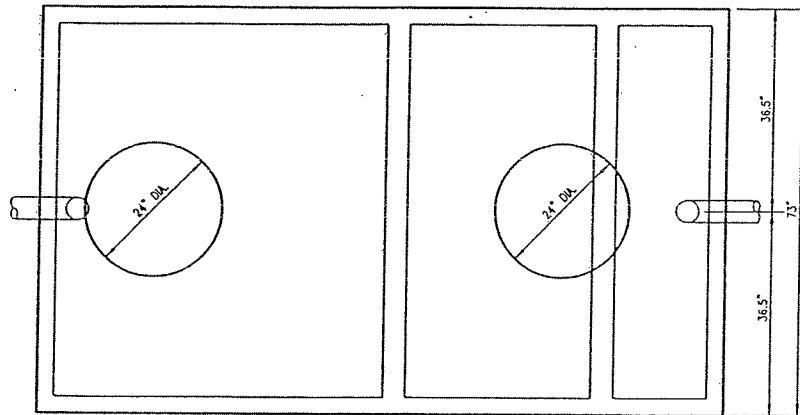
APPENDIX A

ADD RISER SECTIONS TO GREASE INTERCEPTOR PER VILLAGE OF SWANSEA SEWER REQUIREMENTS TO ACHIEVE FINISH GRADE ELEVATION



NOTE 1: 6"H x 32"W OPENING AT BOTTOM CENTERED
 NOTE 2: 2-4" DIAMETER HOLES - 2" DOWN - 4" OFF CENTER - 8" BETWEEN HOLES
 NOTE 3: 9"H x 24"W OPENING AT TOP CENTERED

SIDE SECTION



TOP VIEW

WEIGHT: 14,670 LBS

NOTE:
 THIS TANK IS NOT DESIGNED FOR VEHICULAR TRAFFIC. IF USED IN TRAFFIC AREAS A REINFORCED CONCRETE SLAB MUST SPAN THE TANK AND OVERDIG TO PROTECT THE TANK.

OPTIONS:
 GRADE RISERS (DONUTS)
 FRAME & COVERS
 LARGER INLET & OUTLET
 BIO-GEM ENZYME ADDITIVE
 SEALANT

500 GALLON REINFORCED CONCRETE GREASE INTERCEPTOR

EXCAVATION SIZE: 11'L x 7'W



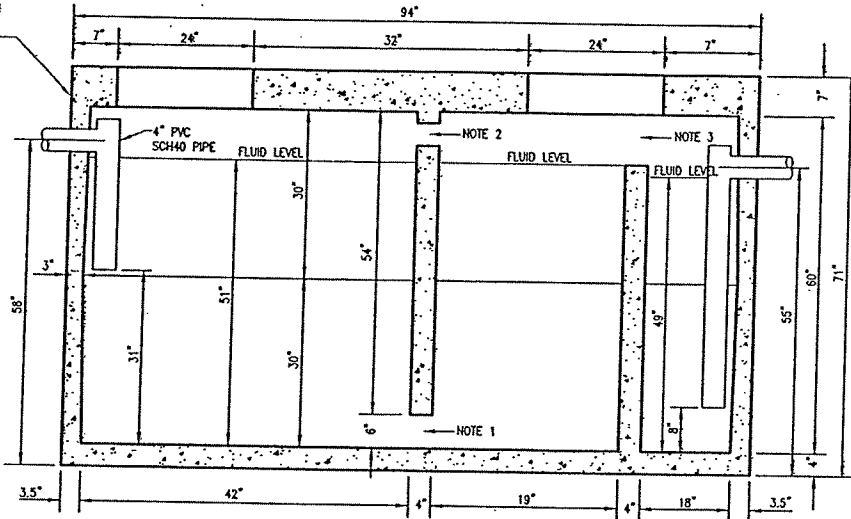
DATE: 1/21/05
 DRAWN BY: DLS

1500 GALLON REINFORCED CONCRETE GREASE INTERCEPTOR

GREASE TRAP (1500 GALLON)

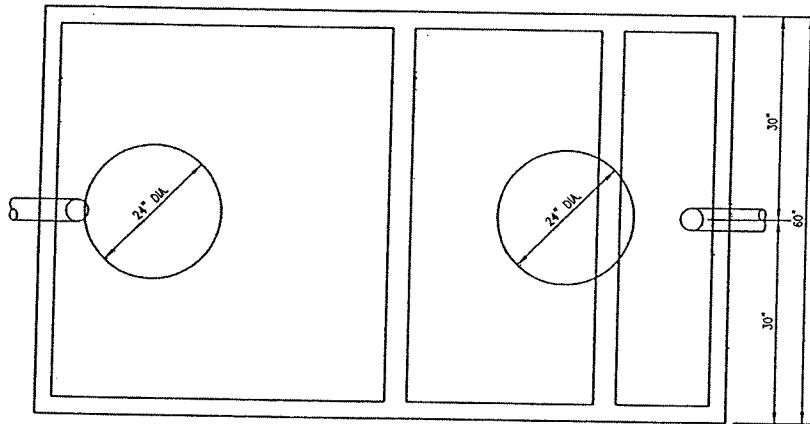
APPENDIX "B"

ADD RISER SECTIONS TO GREASE INTERCEPTOR PER VILLAGE OF SWANSEA SEWER REQUIREMENTS TO ACHIEVE FINISH GRADE ELEVATION



NOTE 1: 6"H x 32"W OPENING AT BOTTOM CENTERED
 NOTE 2: 2-4" DIAMETER HOLES - 2" DOWN - 4" OFF CENTER - 8" BETWEEN HOLES
 NOTE 3: 9"H x 24"W OPENING AT TOP CENTERED

SIDE SECTION



TOP VIEW

WEIGHT: 14,670 LBS

NOTE:
 THIS TANK IS NOT DESIGNED FOR VEHICULAR TRAFFIC. IF USED IN TRAFFIC AREAS A REINFORCED CONCRETE SLAB MUST SPAN THE TANK AND OVERDIG TO PROTECT THE TANK.

OPTIONS:
 GRADE RISERS (DONUTS)
 FRAME & COVERS
 LARGER INLET & OUTLET
 BIO-GEM ENZYME ADDITIVE
 SEALANT

1000 GALLON REINFORCED CONCRETE GREASE INTERCEPTOR

EXCAVATION SIZE: 9'L x 6'W



DATE: 1/21/05
 DRAWN BY: DLS

1000 GALLON REINFORCED
 CONCRETE GREASE INTERCEPTOR

GREASE TRAP
 (1000 GALLON)

APPENDIX #1

VILLAGE OF ST. JACOB

APPLICATION FOR WATER SYSTEM SERVICE CONNECTION

The undersigned, representing himself as owner of the property located at _____, hereby makes application for connection to the Water System of the Village for said property, and in consideration of the furnishing of said service covenants and agrees as follows:

1. I agree to abide by all rules and regulations as specified in and by the ordinances of the Village now in effect or enacted and passed from time to time providing for the regulation of service furnished by the Village, it is further acknowledged and agreed that the undersigned, his heirs, executors, administrators, successors and assigns shall pay all charges for connection fees and water usage which shall become due as the result of the connecting of the water mains and the furnishing of water service to the above property, and that all such charges and fees for water service rendered to the property, together with penalties, if any, and the costs of collection are to be considered and become a charge against the property, the lien so created to be enforced in accordance with the ordinances of the Village.
2. All bills for the aforesaid charges are payable on or before the due date following the receipt of said bill and if not paid, are subject to a **ten percent (10%)** penalty.
3. Each and all of the agreements and covenants herein contained shall run with the real estate above described whose present owner is signatory to this application.
4. I understand that after making this application, I am to await installation permit and instructions therewith.
5. SERVICE CONNECTION FEE: \$ _____ is enclosed herewith, payable to the Village.
6. Permission is hereby granted to the Village and its authorized representatives at any reasonable time to enter the premises of the applicant and any portion thereof for the purposes of inspecting all connections appurtenant to the Water System.

CONNECTION MUST BE INSPECTED BEFORE BACKFILLING:

SIGNATURE: _____

(STREET NUMBER AND NAME OF STREET)

(VILLAGE, STATE AND ZIP CODE)

(TELEPHONE NUMBER)

(DATE)

Do not fill in the spaces to the right if the information is the same as the applicant above.

MAIL BILLS TO:

(

(NAME)

(

(STREET NUMBER AND NAME OF STREET)

(

(VILLAGE, STATE AND ZIP CODE)

APPENDIX #2

VILLAGE OF ST. JACOB

UTILITY MAIN EXTENSION CONTRACT

AGREEMENT made and entered into this _____ day of _____, by and between the Utility System of the **Village of St. Jacob, Illinois**, hereinafter called the "Utility Department" and _____, hereinafter called the "Depositor".

FIRST: That the Utility Department contracts and agrees to have installed by contract in accordance with its rules, utility mains as shown on the plat thereof, and the specifications are attached hereto and made a part hereof.

SECOND: Bids having been taken and the lowest responsible bid having been in the amount of \$_____, the Depositor agrees to deposit and does deposit herewith the cost thereof.

- (A) The lowest responsible bid \$_____.
- (B) Engineering and Inspection Charge \$_____.
- (C) TOTAL: \$_____.

THIRD: Final costs to be adjusted up or down according to completed job cost.

FOURTH: The ownership of the utility mains laid herein shall be at all times in the Utility Department, its successors and assigns.

FIFTH: This Agreement shall be valid and binding on the Utility Department only when signed by the Mayor and Clerk.

SIXTH: This Agreement shall be binding upon the heirs, executors, administrators, successors or assigns of the respective parties.

EXECUTED in duplicate by the parties hereto on the date first above written.

**UTILITY DEPARTMENT
VILLAGE OF ST. JACOB**

BY: _____
SUPERINTENDENT

ATTEST:

VILLAGE CLERK

DEPOSITOR

WITNESSES:

APPENDIX #3

VILLAGE OF ST. JACOB

PRIVATE WASTE DISPOSAL APPLICATION
(SEPTIC TANK ETC.)

The undersigned, being the _____ of the property
(owner, owner's agent)
located at _____ does hereby request a permit to install
(Number) (Street)
sanitary sewage disposal facilities to serve the _____ at the location.
(residence, commercial building, etc.)

1. The proposed facilities include: _____ to be constructed in complete accordance with the plans and specifications attached hereunto as **Exhibit "A"**.
2. The area of the property is [_____] square feet or [_____] square meters.
3. The name and address of the person or firm who will perform the work is _____
4. The maximum number of persons to be served by the proposed facilities is _____
5. The location and nature of all sources of private or public water supply within **one hundred (100) feet [30.5 meters]** of any boundary of said property are shown on the plat attached hereunto as **Exhibit "B"**.

IN CONSIDERATION OF THE GRANTING OF THIS PERMIT, THE UNDERSIGNED AGREES:

1. To furnish any additional information relating to the proposed work that shall be requested by the Village.
2. To accept and abide by all provisions of the **Revised Code** and of all other pertinent codes or ordinances that may be adopted in the future.
3. To operate and maintain the wastewater disposal facilities covered by this application in a sanitary manner at all times, in compliance with all requirements of the Village and at no expense to the Village.
4. To notify the Village **at least twenty-four (24) hours** to commencement of the work proposed, and again **at least twenty-four (24) hours** prior to the covering of any underground portions of the installation.

DATE: _____, 20____ SIGNED: _____
(APPLICANT)

(ADDRESS OF APPLICANT)

(CERTIFICATION BY CLERK)

\$ _____ (Inspection Fee Paid) DATE: _____, 20____

\$ _____ (Connection Fee Paid) SIGNED: _____
(CLERK)

(APPLICATION APPROVED AND PERMIT ISSUED)

DATE: _____, 20____ SIGNED: _____
(PUBLIC WORKS DIRECTOR OR SUPERINTENDENT)

APPENDIX #4

VILLAGE OF ST. JACOB

RESIDENTIAL OR COMMERCIAL BUILDING SEWER APPLICATION

The undersigned, being the _____ of the
(owner, owner's agent)
property located at _____ does hereby request a permit to install and
(Number) (Street)
connect a building sewer to serve the _____ at said location.
(residence, commercial building, etc.)

1. The following indicated fixtures will be connected to the proposed building sewer:

<u>NUMBER</u>	<u>FIXTURE</u>	<u>NUMBER</u>	<u>FIXTURE</u>
_____	Kitchen Sinks	_____	Water Closets
_____	Lavatories	_____	Bathtubs
_____	Laundry Tubs	_____	Showers
_____	Urinals	_____	Garbage Grinders

Specify Other Fixtures: _____

2. The maximum number of persons who will use the above fixtures is _____.
3. The name and address of the person or firm who will perform the proposed work is _____
4. Plans and specifications for the proposed building sewer are attached hereunto as **Exhibit "A"**.

IN CONSIDERATION OF THE GRANTING OF THIS PERMIT, THE UNDERSIGNED AGREES:

1. To accept and abide by all provisions of the **Revised Code**, and of all other pertinent ordinances and codes that may be adopted in the future.
2. To maintain the building sewer at no expense to the Village.
3. To notify the Village when the building sewer is ready for inspection and connection to the public sewer, but before any portion of the work is covered.

DATE: _____, 20____ SIGNED: _____
(APPLICANT)

(ADDRESS OF APPLICANT)

(CERTIFICATION BY CLERK)

\$_____ (Inspection Fee Paid) DATE: _____, 20____

\$_____ (Connection Fee Paid) SIGNED: _____
(CLERK)

(APPLICATION APPROVED AND PERMIT ISSUED)

DATE: _____, 20____ SIGNED: _____
(PUBLIC WORKS DIRECTOR OR SUPERINTENDENT)

APPENDIX #4

VILLAGE OF ST. JACOB

INDUSTRIAL SEWER CONNECTION APPLICATION

The undersigned, being the _____ of the
_____ (owner, owner's agent)
property located at _____ does hereby request a permit to _____
_____ (Number) _____ (Street) _____ (install, use)
an industrial sewer connection serving the _____ which company is engaged in
_____ at said location.

1. A plan of the property showing accurately all sewers and drains now existing is attached hereunto as **Exhibit "A"**.
2. Plans and specifications covering any work proposed to be performed under this permit is attached hereunto as **Exhibit "B"**.
3. A complete schedule of all process waters and industrial wastes produced or expected to be produced at said property, including a description of the character of each waste, the daily volume and maximum rates of discharge and representative analyses is attached hereunto as **Exhibit "C"**.
4. The name and address of the person or firm who will perform the work covered by this permit is _____

IN CONSIDERATION OF THE GRANTING OF THIS PERMIT, THE UNDERSIGNED AGREES:

1. To furnish any additional information relating to the installation or use of the industrial sewer for which this permit is sought as may be requested by the Village.
2. To accept and abide by all provisions of the **Revised Code**, and of all other pertinent ordinances or codes that may be adopted in the future.
3. To operate and maintain a control manhole and any waste pretreatment facilities, as may be required as a condition of the acceptance into the public sewer of the industrial wastes involved in an efficient manner at all times, and at no expense to the Village.
4. To cooperate at all times with the Village and its representative(s) in their inspecting, sampling, and study of the industrial wastes, and any facilities provided for pretreatment.
5. To notify the Village immediately in the event of any accident, negligence, or other occurrence that occasions discharge to the public sewers of any wastes or process waters not covered by this permit.

DATE: _____, 20____ SIGNED: _____
(APPLICANT)

(ADDRESS OF APPLICANT)

(CERTIFICATION BY CLERK)

\$ _____ (Inspection Fee Paid) DATE: _____, 20____

\$ _____ (Connection Fee Paid) SIGNED: _____
(CLERK)

(APPLICATION APPROVED AND PERMIT ISSUED)

DATE: _____, 20____ SIGNED: _____
(PUBLIC WORKS DIRECTOR OR SUPERINTENDENT)

APPENDIX #4

VILLAGE OF ST. JACOB

APPLICATION FOR SANITARY SEWER SERVICE CONNECTION

The undersigned, representing himself as owner of the property located at _____, hereby makes application for Sanitary Sewerage Service for said property, and in consideration of the furnishing of said service covenants and agrees as follows:

1. I agree to abide by all rules and regulations as specified in and by the ordinances of the Village now in effect or ordinances enacted and passed from time to time providing for the regulation of the sanitary sewer system or specifying fees and rates to be charged for connection and sanitary sewer service furnished by the Village. It is further acknowledged and agreed that the undersigned, his heirs, executors, administrators, successors and assigns shall pay all charges for connection fees and sewer usage which shall become due as the result of the connecting of the sewerage mains and the furnishing of sanitary sewerage service to the above property, and that all such charges and fees for sanitary sewerage service rendered to the property, together with penalties, if any, and the costs of collection are to be considered and become a charge against the property, the lien so created to be enforced in accordance with the ordinances of the Village.
2. All bills for the aforesaid charges are payable on or before the due date following the receipt of said bill and if not paid, are subject to a **ten percent (10%)** penalty.
3. Each and all of the agreements and covenants herein contained shall run with the real estate above described whose present owner is signatory to this application.
4. I understand that after making this application, I am to await installation permit and instructions therewith.
5. SERVICE CONNECTION FEE: \$ _____ is enclosed herewith, payable to the Village.
6. Permission is hereby granted to the Village and its authorized representatives at any reasonable time to enter the premises of the applicant and any portion thereof for the purposes of inspecting all connections appurtenant to the sewerage outlets, pipes and mains.

(APPLICANT'S SIGNATURE)

(STREET NUMBER AND NAME OF STREET)

(OWNER'S SIGNATURE, IF NOT APPLICANT)

(VILLAGE, STATE AND ZIP CODE)

(TELEPHONE NUMBER)

(DATE)

Do not fill in the spaces to the right if the information is the same as the applicant above.

MAIL BILLS TO:

(NAME)

(STREET NUMBER AND NAME OF STREET)

(VILLAGE, STATE AND ZIP CODE)

APPENDIX #4
VILLAGE OF ST. JACOB
R E C E I P T

Receipt is hereby acknowledged of the executed Application for Sanitary Sewer Service Connection from the person and for the property indicated below.

This receipt does not authorize service connection is made, inspection and approval of the customer service line by an authorized representative of the Village is required, and approval of such connection and issuance of a Certificate of Inspection and Approval and Permit is conditioned upon compliance with all the Ordinances, Codes, Rules and Regulations of the **Village**.

NOTE:

1. In the event the location of the sewer service connection is unknown, the Superintendent is to be contacted.
2. This office is to be notified the day before the work is to be done so that inspection may be arranged in accordance with specifications furnished. For example, if you desire inspection on Tuesday, contact us on Monday. If you desire inspection on Monday, contact us on Friday, etc.
3. If the sewer line is deep enough to drain your basement, if you have one, then the wastes from the basement as well as the other floor(s) of the property must go into the sanitary sewers. Downspout and surface drainage are prohibited inasmuch as this is not a storm sewer system.

WARNING! In order to coordinate our inspections, we must be advised a day in advance before the work is done. The inspection must be made before the trench is backfilled. If trench is backfilled before the inspection is made, it will have to be reopened to permit inspection.

NO. _____

VILLAGE OF ST. JACOB
COUNTY OF MADISON

DATE: _____

ADDRESS: _____

OWNER(S): _____

APPENDIX #5

VILLAGE OF ST. JACOB

CERTIFICATE OF INSPECTION, APPROVAL AND PERMIT

IT IS HEREBY CERTIFIED THAT inspection has been made of the individually-owned sewer mains and sanitary service connection for the property described below, and said installation is hereby approved as in compliance with the Specifications, Rules and Regulations established by the Revised Code (Ch. 38) of this Municipality.

Permission is hereby granted to complete the construction of said individually-owned sewer main to the Village Sanitary Sewerage System and to utilize the same for waste disposal in compliance at all times, with the Revised Code of this Village.

NO. _____

ADDRESS: _____

TYPE OF CONNECTION:

- _____ Single-Family Residence
- _____ Multiple dwelling or trailer court
- _____ Commercial
- _____ Industrial
- _____ Institutional
- _____ Governmental

INSTALLATION BY: _____

THE SERVICE IS IN OPERATION AS OF THIS _____ DAY OF _____, 20____.

**VILLAGE OF ST. JACOB
COUNTY OF MADISON**

SIGNED: _____

APPENDIX #6

VILLAGE OF ST. JACOB

UTILITY SHUTOFF HEARING NOTICE

This notice is being sent to you pursuant to the provisions of **CHAPTER 38 OF THE REVISED CODE OF ORDINANCES** as adopted by the corporate authorities.

CUSTOMER'S NAME: _____

ADDRESS: _____

TOTAL AMOUNT OF BILL: \$ _____ WATER

\$ _____ SEWER

\$ _____ OTHER

SUB-TOTAL: \$ _____

PENALTY: \$ _____

TOTAL DUE: \$ _____

DATE OF HEARING _____

TIME OF HEARING _____

LOCATION OF HEARING _____

PHONE: _____

If the consumer/customer fails to appear at the hearing, the applicable utility services shall be **terminated** [shut off] without further proceedings.

If payment for the charges and fees is received prior to the date of the hearing, you may disregard this hearing notice.

The Mayor and Village Clerk, or their designated representative(s), shall preside at the hearing.

VILLAGE CLERK

DATED THIS _____ DAY OF _____, 20_____.

NOTE: After services have been shut off there will be a reconnection fee of \$_____.

APPENDIX #7

VILLAGE OF ST. JACOB

OBJECTIONABLE MATERIAL EFFLUENT LIMITS

<u>Waste or Chemical</u>	<u>Concentration mg/l</u>
Boron	1.0
Chromium (Hexavalent)	5.0
Chromium (Trivalent)	10.0
Copper	3.0
Cyanide	0.005
Iron	15.0
Lead	0.1
Mercury or its compounds	0.005
Nickel	3.0
Oil & Grease; etc. (carbon tetrachloride extraction)	100.0
Temperature not over 150° F. (65° C.)	
Acid iron pickling waste or concentrated plating waste	Zero
Free acids and alkalis pH	Between 5.5 and 9.5
Zinc	2.0
Cadmium	2.0
Chlorine Demand	30.0
Phenols	0.5