

CHAPTER 16

WATER AND SEWER

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ARTICLE A

WATER DEPARTMENT

Section 16.1 Creation; Purpose

A water department is created and established for the Village of Folsom. The department is responsible for the management, maintenance, care and operation of the water supply and distribution system of the Village.

Section 16.2 Administration

Subject to the general control and direction of the mayor and the board, the department shall be administered by the superintendent who shall manage the municipal water works and shall perform all acts necessary for the prudent, efficient and economical management of the Village water supply and distribution system.

Section 16.3 Through Section 16.10

Reserved

ARTICLE B

WATER REGULATIONS, POLICIES AND RATES

Section 16.11 Turning on Water

- (a) No water from the Village water supply shall be turned on for service, into any premises by any person but the superintendent or some person authorized by him to perform this service.
- (b) Where water has been cut off or disconnected for nonpayment of a bill, temporarily disconnected at the request of a customer or for other reasons, there shall be a charge for reconnection of \$10.00 during normal working hours and \$10.00 at all other times. This charge shall be added to the utility bill.

Section 16.12 Application

Application to have water turned on shall be made in writing to the clerk.

Section 16.13 Deposit

A deposit of a sum to be determined by the board shall be made with each application, this sum to be retained, to insure payment of all bills. When service to the applicant is discontinued permanently this deposit, less any amount still due for water service, shall be refunded without interest.

Section 16.14 Plumbing

No water shall be turned on for service in premises in which the plumbing does not comply with the code, provided, that water may be turned on for construction work in unfinished buildings, subject to the code.

Section 16.15 Service Installation; Fee; Resale; Tampering

- (a) No water shall be resold or distributed by the recipient thereof from the Village to any premises other than that for which application has been made, except in case of emergency.
- (b) It shall be unlawful for any unauthorized person to tamper with or alter any part of the municipal waterworks or supply system, or any meter.
- (c) The following minimum amount shall be paid by all types of users to the Village for each new installation of water.
 - (1) Water installation fee, \$250.00 minimum.
- (d) The above fees are minimum only and they are the fees for normal water connections. In the event the installation of water involved other expenses in excess of ordinary installation then such fee shall be charged as may be determined by the Mayor and Aldermen.
- (e) Subject to the provisions hereof, fees for water services are due on the first of each month and payable by the tenth of said month.
- (f) The failure of a customer to pay water charges duly imposed shall result in the automatic imposition of the following penalties:
 - (1) Nonpayment within ten days from the due date will be subject to a penalty of ten percent of the delinquent account.
 - (2) Nonpayment within thirty days from the due date will result in the water being shut off from the customer's property.
 - (3) Meters will be read on or about the fifteenth of each month.

Section 16.16 Service Pipes

- (a) All service pipes from the mains to the premises served shall be installed by, and at the cost of, the owner of the property to be served or the applicant for the service. The installation shall be under the inspection of the Maintenance Supervisor.
- (b) All repairs for service pipes and plumbing systems of buildings shall be made by and at the expense of the owners of the premises served. The municipality may in case of an emergency, repair any service pipes and if this is done the cost of repair, work shall be repaid by the owner of the premises served.

- (c) Excavations for installing or repairing service pipes shall be made in compliance with the code provisions relating to making excavations in streets. Provided, that it shall be unlawful to place any service pipe in the same excavation with, or directly over, any drain pipe or sewer pipe.

Section 16.17 Meters

- (a) All premises using the municipal water supply must be equipped with an adequate water meter furnished by the municipality but paid for by the consumer; provided, that water service may be supplied at a flat rate of charge until a meter may be installed. Before any premises are occupied a water meter may be installed as required or application made for water service at the flat rate of charge until the meter can be installed or no water shall be furnished to the premises.
- (b) Meters shall be installed in a location that will be easy of access.
- (c) The Maintenance Supervisor shall read or cause to be read every water meter used in the Village at such times as are necessary that the bills may be sent out at the proper time.
- (d) Any municipal water meter shall be tested upon complaint of the consumer.
- (e) A meter deposit of \$40.00 shall be paid prior to service installation for noncommercial customers. If the premises to be served are owned and occupied by the applicant, the deposit shall be \$40.00.
- (f) If any meter is turned on by persons not authorized by the Village, the meter will be removed and there will be a \$250.00 charge for re-installment of services.

Section 16.18 Rates

The water rates to all water suppliers and to all water customers or users of the municipal water system shall be as follows:

- (a) For each water connection, regardless of size of the water connection, there shall be a charge of \$5.00 per month for each water consumer of each tap.
- (b) Where any existing consumer is presently charged under a meter rate, the water rate for meter customers is:
 - (1) Residential:
 - \$5.00 for 1st 2000 gallons
 - \$2.00 per 1000 for next 3000 gallons
 - \$1.00 per 1000 for next 5000 gallons
 - \$0.75 per 1000 for all over 10,000 gallons
 - (2) Commercial:
 - \$16.00 for 1st 10,000 gallons
 - \$0.75 per 1000 for all over 10,000 gallons
- (c) The minimum monthly rate shall be \$5.00.

- (d) Bills for water used shall be dated and sent out at the times directed by the mayor.
- (e) During the construction of any building and before any water is installed the contractor constructing the building may be permitted to use the water supply by making application and paying the flat fee prescribed by the board.
- (f) The water supply may be shut off from any premises for which the water bill remains unpaid for a period of 30 days after the bill is rendered and
- (g) mailed. When shut off, water shall not be turned on except upon the payment of the fee specified in Section 16.11 (b).
- (h) Charges for water shall be a lien upon the premises. If the consumer of water whose bill is unpaid is not the owner of the premises, and the clerk has notice of this, then notice shall be mailed to the owner of the premises, if his address is known to the clerk, whenever a bill remains unpaid for a period of 40 days after it has been rendered.
- (i) Property subject to a lien for unpaid water charges shall be sold for nonpayment, and the proceeds of sale shall be applied to pay the charges, after deducting costs, as in the case of the foreclosure of statutory liens. Foreclosure shall be by bill in equity in the name of the Village. The Village attorney is authorized and directed to institute proceedings, in the name of the Village, in any court having jurisdiction over these matters, against any property for which a water bill has remained unpaid 30 days after it has been rendered.

Section 16.19 Tuning off Water

It is unlawful for any unauthorized person to turn off any water flowing in any main or pipe line owned or operated by the Village unless the person shall have first obtained the permission of the Mayor and Board or its designee.

Section 16.20 Water Users Agreement

Each person desiring to become a user of water service provided by the Village of Folsom shall first be required to enter into a water user's agreement with the Village of Folsom.

Section 16.21 Combined Billing

All water and sewer charges shall be billed on one bill. Any payment less than full payment shall be applied pro-rate to the sewerage and water, so that less than full payment will result in a delinquency for all charges.

Section 16.22 Through Section 16.30

Reserved

ARTICLE C

SEWERAGE DISTRICT

Section 16.31 Established

As authorized by law, there hereby is created a sewerage District within the territorial limits of the Village of Folsom.

Section 16.32 Boundaries

The Sewerage District shall embrace the territory included within the territorial limits of the Village of Folsom.

Section 16.33 User Charges

The mayor and board, is authorized from time to time, by resolution, to establish reasonable user charges for connection to the sewerage lines of Sewerage District and for the inspection of the connections, and to provide for the collection of charges.

- (1) For users whose water consumption is metered, the monthly sewer charge for each connection shall be \$4.75 plus \$0.60 per 1000 gallons
- (2) For users whose water consumption is not metered, the monthly sewer charge for each connection shall be \$10.00.

Section 16.34 District is a Political Subdivision

The Sewerage District shall be a political subdivision of the State of Louisiana pursuant to law, and the district shall have and possess the powers, authority, rights and privileges incident to the creation, maintenance and operation of such a political subdivision, especially the authority, power, right and privilege of levying and collecting annual tax for the maintenance of the district as provided by law.

Section 16.35 through Section 16.40

Reserved

ARTICLE D

SEWERAGE REGULATIONS

Section 16.41 Definitions

Unless the context specifically indicates otherwise, the meaning of terms used in this ordinance shall be as follows:

- (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 20 degrees C. expressed in milligrams per liter.
- (b) "Building Drain" shall mean that part of the lowest horizontal 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, beginning five (5) feet (1.5 meters) outside the inner face of the building wall.
- (c) "Building Sewer" shall mean the extension from the building drain to the public sewer or other places of disposal.
- (d) "Combined Sewer" shall mean a sewer receiving both surface runoff and sewage.
- (e) "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.
- (f) "Industrial Wastes" shall mean the liquid wastes from industrial manufacturing processes, trade, or business as distinct from sanitary sewage.
- (g) "Natural Outlet" shall mean any outlet into a watercourse, pond, ditch, lake, or other body of surface or groundwater.
- (h) "Person" shall mean any individual, firm, company, association, society, corporation, or group.
- (i) "pH" shall mean the logarithm of the reciprocal of the weight of hydrogen ions in grams per liter of solution.
- (j) "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.
- (k) "Public Sewer" shall mean a sewer in which all owners of abutting properties have equal rights, and is controlled by public authority.
- (l) "Sanitary Sewer" shall mean a sewer which carries sewage and to which storm, surface, and groundwaters are not intentionally admitted.

- (m) “Sewage” shall mean a combination of the water carries wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface, and storm waters as may be present.
- (n) “Sewage Treatment Plant” shall mean any arrangement of devices and structures used for treating sewage.
- (o) “Sewage Works” shall mean all facilities for collecting, pumping, treating, and disposing of sewage.
- (p) “Sewer” shall mean a pipe or conduit for carrying sewage.
- (q) “Shall” is mandatory, “May” is permissive.
- (r) “Slug” shall mean any discharge of water, sewage, or industrial waste, which in concentration of any given constituent or in quantity of low 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.
- (s) “Storm Drain” (Sometimes termed “Storm sewer”) shall mean a sewer, which carries storm and surface waters and drainage, but excludes sewage and industrial wastes, other than unpolluted cooling water.
- (t) “Superintendent” shall mean the superintendent t of Sewage Works and/or of Water Pollution Control of the Village of Folsom, or his authorized deputy, agent, or representative.
- (u) “Suspended Solids” shall mean solids that are in suspension in water, sewage, or other liquids, and which are removable by laboratory filtering.
- (v) “Watercourse” shall mean a channel in which a flow of water occurs, either continuously or intermittently.

Section 16.42 Use of Public Sewers Required

- (a) It shall be unlawful for any user to place, deposit, or permit to be deposited in any unsanitary manner of public or private property within the Village of Folsom, or in any area under the jurisdiction of said Village, any human or animal excrement, garbage, or other objectionable waste.
- (b) It shall be unlawful to discharge to any natural outlet within the Village of Folsom, or in any area under the jurisdiction of said Village, and sewage or other polluted waters, except where suitable treatment has been provided in accordance with subsequent provisions of this ordinance.
- (c) 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.
- (d) The owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or other purposes, situated within the Village and abutting on any street, alley, or right-of-way in which there is now located or may in the future be located a 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 ordinances, within ninety (90) days after date of official notice to do so, provided that said public sewer is within three hundred (300) feet (91.4 meters) of the property line.

Section 16.43 Private Sewage Disposal

The disposal of sewage by means other than the use of the available sanitary sewage system shall be in accordance with local parish and state law. The disposal of sewage by private disposal systems shall be permissible only in those instances where service from the available sanitary sewage system is not available.

Section 16.44 Building Sewers and Connections

- (a) No unauthorized user shall uncover, make any connections with or opening into, use, alter, or disturb any public sewer or appurtenance thereof without first obtaining a written permit from the Superintendent.
- (b) There shall be two (2) classes of building sewer permits:
 - (1) For residential and commercial services, and
 - (2) For service to establishments producing industrial wastes.

In either case, the owner or his agent shall make application on a special form furnished by the Village. The permit application shall be supplemented by any plans, specifications, or other information considered pertinent in the judgment of the Superintendent. A permit and inspection fee of \$5.00 for a residential or commercial building sewer permit and \$10.00 for an industrial building sewer permit shall be paid to the Village at the time the application is filed.

- (c) All costs and expense incidental to the installation and connection of the building sewer shall be born 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.
- (d) A separate and independent building sewer shall be provided for every building; except 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.
- (e) Old building sewers may be used in connection with new buildings only when they are found, on examination and test by the Superintendent, to meet all requirements of this ordinance.

- (f) 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 buildings 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 A.S.T.M. and W.P.C.F. Manual of Practice No. 9 shall apply.
- (g) 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 discharged to the building sewer.
- (h) No user 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 a public sanitary sewer.
- (i) 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 A.S.T.M. and the W.P.C.F. Manual of Practice No. 9. All such connections shall be made gastight and watertight. Any deviation from the prescribed procedures and materials must be approved by the Superintendent before installation.
- (j) The applicant for the building sewer permit shall notify the Superintendent when the building sewer is ready for inspection and connection to the public sewer. The connection shall be made under the supervision of the Superintendent or his representative.
- (k) 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.

Section 16.45 Use of the Public Sewers

- (a) No user shall discharge or cause to be discharged any storm water, surface water, ground water, roof runoff, subsurface drainage, uncontaminated cooling water, or unpolluted industrial process waters to any sanitary sewer.
- (b) Storm water 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 Louisiana Department of Health and Human Resource Administration. Industrial cooling water or unpolluted process waters may be discharged, on approval of the Louisiana Department of Health and Human Resource Administration, to a storm sewer, or natural outlet.
- (c) No user shall discharge or cause to be discharged any of the following described waters or wastes to any public sewers:

- (1) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid solid or gas.
- (2) 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 water of the sewage treatment plant.
- (3) 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.
- (4) 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 sewage works such as, but not limited to, ashes, cinders, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, ungrounded garbage, whole blood, pauch maure, hair and fleshings, entrails and paper dishes, cups, milk containers, etc. either whole or ground by garbage grinders.
- (5) Any waters or wastes containing pollutants in concentrations in excess of the following:

Pollutant

**Maximum Concentration
(mg/l)**

Inorganic Pollutants:

Ammonia	480
Arsenic	0.05
Barium	5
Borate (Boron)	1
Cadmium	0.02
Calcium	2500
Chromium (Hexavalent)	2
Chromium (Trivalent)	2
Copper	1.0
Cyanide	1
Iron	1000
Lead	0.1
Manganese	1
Mercury	0.005

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Nickel	1
Selenium	0.02
Silver	0.1
Sulfate	500
Sulfide	10

Tin	1
Zinc	5

Organic Pollutants:

Phenol	200
Trinitrotoluene (TNT)	20
EDTA	25
Macconol	200
Ceepryn	100
Benzidine	500

(6) Any waters or wastes containing heavy metal and toxic material including, but not limited to, the following materials:

Antimony	Cobalt	Rhenium	Herbicides
Beryllium	Molybdenum	Strontium	Fungicides
Bismuth	Pesticides	Tellurium	Uranyl ion

(d) No user shall discharge or cause to be discharged the following described substances, materials, waters, wastes, or industrial wastes, if it appears likely in the opinion of the Superintendent 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 the acceptability of these wastes, the Superintendent will give consideration of 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 other pertinent factors. The substances prohibited are:

- (1) Any liquid or vapor having a temperature higher than one hundred fifty degrees F. (65 degrees C).
- (2) Any water or waste containing fats, wax, grease, 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 (150) degrees F. (0 and 65 degrees C.)

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- (3) 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 Superintendent.
- (4) Any waters or wastes containing strong acid iron pickling wastes, or concentrated plating solutions whether neutralize or not.
- (5) Any waters or wastes containing iron, chromium, copper, zinc, cyanide, and 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 Superintendent and/or the Division of Sanitary Engineering, Louisiana Department of Public Health, for such materials.

- (6) Any waters or wastes containing phenols or other taste or odor producing substances, in such concentrations exceeding limits which may be established by the Superintendent 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.
- (7) Any radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by the Superintendent in compliance with applicable State or Federal regulations.
- (8) Any waters or wastes having a pH in excess of 9.5
- (9) Materials which exert or cause:
 - a. Unusual concentrations of 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).
 - b. Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
 - c. Unusual BOD (above 240 mg/l), chemical oxygen demand, or chlorine requirement in such quantities as to constitute a significant load on the sewage treatment works.
 - d. Unusual volume of flow or concentration of wastes constituting "slugs" and defined herein.

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- (10) Waters or wastes containing substances which are not amenable to treatment or reduction by the sewage treatment processes employed, or are amenable to treatment only to such degree that the sewage treatment plant effluent cannot meet the requirements of other agencies having jurisdiction over discharge to the receiving waters.
 - (11) Waters or wastes containing suspended solids in excess of 200 mg/l.
- (e) 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 15.45(d), and which in the judgment of the Superintendent, and/or the Division of Sanitary Engineering, Louisiana Department of Public Health, 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 Superintendent may:
- (1) Reject the wastes,
 - (2) Require pretreatment to an acceptable condition for discharge to the public sewers,
 - (3) Require control over the quantities and rates of discharge, and/or

- (4) Require payment to cover the added cost of handling and treating the wastes not covered by the existing taxes or sewer charges under the provisions of Section 16.45(j). If the Superintendent 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 the Louisiana Department of Health and Human Resource Administration, and subject to the requirements of all applicable codes, ordinances, and laws.
- (f) Grease, oil, and sand interceptors shall be provided when, in the opinion of the superintendent, they are necessary for 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 Superintendent, and shall be located as to be readily and easily accessible for cleaning and inspection.
- (g) Where preliminary treatment or flow-equalizing facilities are provided for any waters or wastes, they shall be maintained continuously in satisfactory and effective operation by the owner at his expense.
- (h) When required by the Superintendent, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control

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- (i) 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 accessibly and safely located, and shall be constructed in accordance with plans approved by the Superintendent. 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.
- (j) All measurements, tests, and analyses of the characteristics of waters and wastes to which reference is made in this ordinance shall be determined in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater", published by the American Public Health Association and shall be determined at the control manhole provided, or upon suitable samples taken at said 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 of life, limb, and property. (The particles 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 24-hour composites of all outfalls whereas pHs are determined from periodic grab samples.)
- (k) 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, by the industrial concern.

- (l) No discharger shall increase the use of potable or process water in any way, or mix separate waste streams for the purpose of diluting a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the standards set forth in this Regulation.
- (m) Every user who discharges sanitary sewage, industrial wastes, water or other liquids other than normal sewage shall be charged and shall pay a surcharge in addition to the charge for normal sewage, in accordance with the following surcharge schedule. Surcharges shall be determined in accordance with the following formula:

$$S = .00834 \{ \$0.09 \text{ (vs) (BOD-240)} + \$0.09 \text{ (vs) (SS-220)} \}$$

Where:

S = Surcharge in dollars monthly, in addition to normal monthly sewer users charge

Vs = Sewage volume in thousand gallons per month = 80% of metered water use per month for metered customers or 17,455 gallons

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Per month for non-metered customers.

.00834 = Conversion factor for pounds per thousand gallons

BOD = Biochemical Oxygen Demand

SS = Suspended Solids

Section 16.46 Protection from Damage

No unauthorized person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenances, or equipment, which is a part of the sewage works. Any person violating this provision shall be subject to immediate arrest under charge of disorderly conduct.

Section 16.47 Powers and Authority of Inspectors

- (a) The Superintendent and other duly authorized employees of the Village 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 provisions of this ordinance. The Superintendent or his representatives shall have no authority in 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 waterways or facilities for waste treatment.
- (b) While performing the necessary work on private properties referred to in Section 16.47(a) the Superintendent or duly authorized employee of the Village 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 loss or damage to its property by Village employees and 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 safe conditions as required in Section 16.45(h).

- (c) The Superintendent 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 if any, on said easement, shall be done in full accordance with the terms of the duly negotiated easement pertaining to the private property involved.

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Section 16.48 Penalties

- (a) Any user found to be violating any provision of this ordinance except Section 16.46 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.
- (b) Any user who shall continue any violation beyond the time limit provides for in Section 16.48(a) shall be guilty of a misdemeanor, and on conviction thereof shall be finding in the amount not exceeding \$100.00 for each violation. Each day in which any such violation shall continue shall be deemed a separate offense.
- (c) Any person violating any of the provisions of this ordinance shall become liable to the Village for any expense, loss, or damage occasioned by the Village by reason of such violation.

Editorial Notes: The basic statutory authority for municipally operated waterworks is L.R.S. 33:401(23). There is authority to contract, purchase, maintain, and lease municipal waterworks.

Condemnation for rights-of-way is provided both within and outside the corporate limits, as waterworks may be constructed outside the corporate limits. The municipality may prescribe the rates at which water will be supplied. Sewerage districts are provided by L.R.S. 33:3911 and 3951, the latter reference applies to municipalities of less than 1,000 population. L.R.S. 33:3913 directs that the governing authority of the municipality shall also fulfill that function as to sewerage districts. The powers granted to a district are enumerated at L.R.S. 33:3912. General authority to operate a sewer system is given to municipalities by L.R.S. 33:401(21). More specific guidance is at L.R.S. 33:4001-4004. Such matters as financing, rate charges, connection charges, compelling connection, and prohibition of privy vaults are addressed. The ordinance included in Article D is a model that is recommended by federal and state health and environmental protection agencies.

16.17

AN AMENDMENT TO CHAPTER 16 OF THE CODE OF ORDINANCES OF THE VILLAGE OF FOLSOM COMPELLING CONNECTION OF RESIDENTIAL AND COMMERCIAL FACILITIES TO MUNICIPAL WATER AND SEWERAGE LINE.

WHEREAS, the Village of Folsom is a municipality having a public system of water distribution and sewerage collection and treatment operated within its municipal boundaries.

WHEREAS, the Mayor and Board of Aldermen have determined that the health of all residents of the Village of Folsom is best served by compelling owners of premises within the municipality to connect water and sewerage lines to the municipal water and sewerage system,

WHEREAS, the Mayor and Board of Aldermen enact this ordinance under the provisions of LSA-R.S. 33:4041 through 33:4049.

WHEREAS, notice of the proposed ordinance was duly given by publication on the _____ day of _____, 1993 in the St. Tammany Farmer newspaper, a weekly newspaper having general circulation in the Village of Folsom, Louisiana, and

WHEREAS, more than ten days have elapsed since the date of said publication and all public meetings as required by law have been held:

NOW THEREFORE, BE IT ORDAINED by the Mayor and Board of Aldermen of the Village of Folsom that the owners of all residential and commercial facilities hereafter constructed and situated within three hundred feet of the public water and sewerage system shall be compelled to connect their water and sewerage lines with municipal water mains and sewerage line, the cost of same to be apportioned assessed against the property owner in accordance with the rules and ascertainment and apportionment provided in LSA-R. 33:4043 and 33:4044.

And the Ordinance was declared adopted on this, the 8th day of March, 1993.

ATTEST:

MERTY FIZTMORRIS
MUNICIPAL CLERK
VILLAGE OF FOLSOM

DARRELL MAGEE
MAYOR
VILLAGE OF FOLSOM

AN ORDINANCE FOR AN ADDENDUM TO CHAPTER 16 CODE OF ORDINANCES OF THE VILLAGE OF FOLSOM TO DECLARE THAT THE VILLAGE OF FOLSOM DOES NOT DESIRE TO BE INCLUDED UNDER THE “LOUISIANA UNDERGROUND UTILITIES AND FACILITIES DAMAGE PREVENTION LAW”; AND TO PROVIDE FOR RELATED MATTERS.

BE IT ORDAINED by Mayor and Board of Aldermen of the village of Folsom, Louisiana:

Section 1. In accordance with the provisions of R.S. 40:1749.19, the Village of Folsom hereby declares that it does not desire to be included in R.S. 40:1749.14 (Regional notification center) or under the provisions of the “Louisiana Underground Utilities and Facilities Damage Prevention Law”, R.S. 40:1749.11 through 1749.22, as enacted by Act 923 of 1988.

Said Ordinance having been introduced on November 13, 1989 by Mayor Bernie Willie, notice of public hearing having been published on November 12, 1989 said public hearing having been held, the title having been read and the Ordinance considered, on motion by Judy Willie, seconded by Marshall Brumfield to adopt the ordinance, a record vote was taken and the following result was had:

YEAS: 3

NAYS: 0

ABSENT: 0

Whereupon, the presiding officer declared the above ordinance duly adopted on December 11, 1989.

ATTEST:

Merty Fitzmorris, Clerk

Bernie Willie, Mayor

AMENDMENT

CHAPTER 16

WATER AND SEWER

AN AMENDMENT TO CHAPTER 16 OF THE CODE OF ORDINANCES OF THE VILLAGE OF FOLSOM REVISING RATES TO ALL WATER AND SEWER SUPPLIES AND TO ALL WATER AND SEWER CUSTOMERS OR USERS OF THE MUNICIPAL WATER AND SEWERAGE SYSTEMS.

ARTICLE B – WATER REGULATIONS, POLICIES AND RATES

SECTION 16:18 THE WATER RATES TO ALL WATER SUPPLIES AND TO ALL WATER CUSTOMERS OR USERS OF THE MUNICIPAL WATER SYSTEM SHALL BE REVISED TO READ AS FOLLOWS:

- A. FOR EACH WATER CONNECTION, REGARDLESS OF SIZE OF THE WATER CONNECTION, THERE SHALL BE A CHARGE OF \$9.00 PER MONTH FOR EACH WATER CUSTOMER OR EACH TAP.
- B. WHERE ANY EXISTING CUSTOMER IS PRESENTLY CHARGED UNDER A METER RATE, THE WATER RATE FOR METER CUSTOMERS IS:
 - 1. \$9.00 FOR 1ST 2,000 GALLONS
 - 2. \$2.10 PER 1000 FOR THE NEXT 3,000 GALLONS
 - 3. \$1.10 PER 1000 FOR THE NEXT 5,000 GALLONS
 - 4. \$1.00 PER 1000 FOR ALL OVER 10,000 GALLONS
- C. THE MINIMUM MONTHLY RATE SHALL BE \$9.00.

ARTICLE C – SEWERAGE DISTRICT

SECTION 16.33 USER CHARGES

- 1. FOR USERS WHERE WATER CONSUMPTION IS METERED THE MONTHLY SEWER CHARGE FOR EACH CONNECTION SHALL BE REVISED TO \$10.00 FOR THE FIRST 2000 GAL. AND \$10.00 PLUS \$.95 PER 1000 GALLONS FOR CONSUMPTIONS OVER 2000 GALLONS.
- 2. FOR USERS WHOSE WATER CONSUMPTION IS NOT METERED, THE MONTHLY SEWER CHARGE FOR EACH CONNECTION SHALL BE REVISED TO \$17.50 PER MONTH.

THIS AMENDMENT TO CHAPTER, 16 SHALL BECOME EFFECTIVE ON DECEMBER 18, 1993. THE ABOVE AMENDMENT TO CHAPTER 16 HAS BEEN READ AND CONSIDERED BE SECTION, AND UPON A VOTE BEING TAKEN, THE FOLLOWING RESULTS WAS HAD:

YEAS: Alderman Brumfield, Alderman Ezell, Alderman Mizell
NAYS: None
ABSENT: None
ABSTAINING: None

WHEREUPON THE MAYOR DECLARED THE AMENDMENT TO SAID ORDINANCE TO BE DULY ADOPTED ON THE 11TH DAY OF OCTOBER 1993.

Darrell Magee, Mayor
VILLAGE OF FOLSOM, LA.

Merty G. Fitzmorris, Municipal Clerk
VILLAGE OF FOLSOM, LA.

The following ordinance, having been previously introduced and laid over with a public hearing having been held in connection therewith on May 11, 1998, was offered for adoption by Mr. Brumfield and seconded by Mr. Richardson:

ORDINANCE

An ordinance authorizing the issuance of Five Hundred Fifty Thousand Dollars (\$550,000) of Water Revenue Bonds, Series 1999, of the Village of Folsom, State of Louisiana, prescribing the form, fixing the details and providing for the payment thereof, confirming the sale thereof, and entering into certain other covenants and agreement in connection with the security and payment of said bonds, including providing interim financing in connection with the construction of the project being funded with the proceeds of the Bonds through the issuance and sale of a Bond Anticipation Note of the Village.

WHEREAS, the Issuer now desires to construct and acquire improvements and extensions to the System, a work of public improvement for the Issuer, and to pay a portion of the cost thereof through the issuance of water revenue bonds of the Issuer payable as to principle and interest from a dedication and pledge of the income and revenue derived or to be derived from the operation of the System, pursuant to the provisions of Part VII, Chapter 4, Title 39 of the Louisiana Revised Statutes of 1950, as amended (the "Act"), and other constitutional and statutory authority, and

WHEREAS, pursuant to the authority of the Act, the Issuer gave notice of its intention to issue Water Revenue Bonds in an amount not exceeding \$600,000 without the necessity of the holding of an election, held a public hearing thereon on February 10, 1997, and no objections were made to the issuance of such Bonds and no petitions were filed requesting an election; and

WHEREAS, it is now the desire of this Mayor and Board of Aldermen to issue Five Hundred Fifty Thousand Dollars (\$550,00) of said Water Revenue Bonds in accordance with the terms and provisions of the Act and for the purpose set forth above; and

WHEREAS, the Issuer presently has no outstanding bonds payable from a pledge of the revenue of the System EXCEPT a Water Revenue Bond, dated November 1, 1972, issued in the original principal amount of \$145,000 pursuant to a resolution adopted by this Mayor and Board of Aldermen on September 5, 1972 (the "Outstanding Parity Bond"); and

WHEREAS, under the terms and conditions of the aforesaid resolution of September 5, 1972 authorizing the issuance of the Outstanding Parity Bond, the Issuer is authorized to issue additional bonds on a complete parity therewith, provided that the Issuer complies with terms and conditions set forth in said resolution or the owner of the Outstanding Parity Bond can consent to the issuance of the Bonds herein authorized on a parity with the Outstanding Parity Bond; and

WHEREAS, this Mayor and Board of Aldermen has determined that prior to the delivery of the Bonds herein authorized, it will obtain the consent of the owner of the Outstanding Parity Bond to issue the Bonds herein authorized on a parity therewith;

WHEREAS, part BII, Chapter 4, Title 39 of the Louisiana Revised Statutes of 1950 grants authority to political subdivisions to borrow from any governmental agency of the United States for any purpose for which any loan to any subdivision is authorized by an act of Congress now in existence; and

WHEREAS, Consolidated Farmers Home Administration Act of 1961 provides that the United States of America may make loans to political subdivisions when such subdivisions are unable to obtain other credit to meet their needs within reasonable rates and terms; and

WHEREAS, the Issuer is not able to sell the aforementioned issue of Bonds in the private market at reasonable rates and terms and now desires to exercise its option to sell the Bonds herein authorized to the United States of America and to issue said Bonds pursuant to the terms of a loan agreement entered into by and between the Issuer and the Government, and to represent said indebtedness, to issue Five Hundred Fifty Thousand Dollars (\$550,000) of Water Revenue Bonds, Series 1999, of the Issuer as hereafter provided; and

WHEREAS, it is now desired to fix the details necessary with respect to the issuance of the aforesaid bonds and to provide for the authorization and issuance thereof, and

WHEREAS, the Issuer also wished to authorize the issuance of a Bond Anticipation Note in the principal amount of \$550,000 to provide interim financing for the construction and acquisition of the proposed improvements and extensions to the System;

NOW, THEREFORE, BE IT ORDAINED by the Mayor and Board of Aldermen of the Village of Folsom, State of Louisiana, acting as the governing authority of said Village, that:

SECTION 1. The following terms as used in this ordinance shall have the following respective meanings, such definitions to be equally applicable to both the singular and plural sense of any such terms:

1. **“Bonds”** or **“Bond”** means the Water Revenue Bonds, Series 1999, of the Village of Folsom, State of Louisiana, authorized to be issued by this ordinance in the total aggregate principal amount of \$550,000.
2. **“Executive Officers”** means, collectively, the Mayor and the Clerk of the Village of Folsom, State of Louisiana

3. **“Governing Authority”** means the Mayor and Board of Aldermen of the Village of Folsom, State of Louisiana, or any legal successor thereto.
4. **“Government”** means the United States of America, acting through Rural Development or any successor entity thereto.
5. **“Issuer”** means the Village of Folsom, State of Louisiana.
6. **“Outstanding Parity Bond”** means the Issuer’s outstanding Water Revenue Bond, dated November 1, 1972, as more fully described in the preamble hereto.
7. **“System”** means the waterworks system of the Issuer, as now existing and as acquired, constructed, improved and extended with the proceeds of the Bonds or as said system shall hereafter be improved, extended or supplemented from any source whatsoever while any of the Bonds remain outstanding, including, specifically, all properties of every nature owned by the Issuer and used or useful in the operation of said system, including real estate, personal and intangible properties, contracts, franchises, leases and choses in action.

SECTION 2. Subject to the approval of the State Bond Commission and to pay a portion of the cost of constructing and acquiring improvements and extensions to the System, including appurtenant equipment, accessories and properties, both personal and real, a work of public improvement for the Issuer, in compliance with and under the authority of Part VII, Chapter 4, Title 39 of the Louisiana Revised Statutes of 1950, as amended (the “Act”), and other constitutional and statutory authority, there is hereby authorized the incurring of an indebtedness of Five Hundred Fifty Thousand Dollars (\$550,000) for, on behalf of and in the name of the Issuer, and to represent said indebtedness, this Governing Authority does hereby authorize the issuance of Five Hundred Fifty Thousand Dollars (\$550,00) of Water Revenue Bonds, Series 1999, of the Issuer. ^The Bonds shall be issued in the form of a single, fully registered bond of the Issuer, which shall be dated as of the date of delivery thereof, be in the denomination and principal amount of Five Hundred Fifty Thousand Dollars (\$550,000) and numbered R-1.

The unpaid principal of the Bond shall bear interest at the rate of five per centum (5%) per annum from date of delivery until paid (or, with the consent of the Government, such lower rate of interest, which the Government may have in effect for community program loans at the time of delivery of the Bond to the Government). Principal of and interest on the Bond shall be payable over a forty (40) year period, with the first payment consisting of interest only which shall fall due on the first anniversary date of the Bond. Commencing one month after the first anniversary date of the Bond and continuing monthly thereafter over the life of the Bond, the payments shall be equal and consist of fully amortized installments of principal and interest. Each payment shall be applied, first, to the payment of accrued interest and, second, to the payment of principal.

SECTION 3. The Issuer may prepay the whole or any part of the principal amount of any installment at any time in inverse chronological order at the principal amount thereof and accrued interest to the date fixed for prepayment. Each prepayment shall be noted on the Bond, and interest on the amount of principal so prepaid shall cease from and after the date of prepayment.

SECTION 4. Payments of principal and interest on the Bond shall be made by check or draft mailed to the registered owner at the address shown on the Bond Registration Book of the Issuer, or any electronic debit acceptable to said owner, without (except for final payment) presentation and surrender of said Bond; and all such payments shall fully discharge the obligations of the Issuer in respect of the Bond to the extent of the payments so made. Said payments shall be noted on the Payment Record made a part of the Bond, and written notice of the making of such notations shall be promptly sent to the Issuer.

SECTION 5. The Bond shall be fully registered as to principal and interest by the Clerk of the Issuer, and no transfer or assignment shall be valid unless made on the Bond Registration Book and similarly noted on the back of such Bond. Upon such transfer or assignment, the transferor or assignor shall surrender the Bond for transfer on said registration records and verification of endorsements made on the Bond.

SECTION 6. The Bond shall be in substantially the following form:

* * *

UNITED STATES OF AMERICA
STATE OF LOUISIANA
PARISH OF ST. TAMMANY
WATER REVENUE BOND, SERIES 1999, OF
THE VILLAGE OF FOLSOM,
STATE OF LOUISIANA

No. R-1

\$550,000

KNOW ALL MEN BY THESE PRESENTS that the Village of Folsom, State of Louisiana(the “Issuer”), for value received hereby promises to pay to the registered owner, or its successor(the “Payee”), or its registered assigns (the “Alternate Payee”), but solely from the revenues hereinafter recited, the sum of Five Hundred Fifty Thousand Dollars (\$500,000), together with interest on the unpaid principal at the rate of _____ per centum(_____%) per annum from date hereof or the most recent interest payment date to which interest has been paid. This bond shall be payable over a forty (40) year period with the first payment falling due on _____, 2000 and on the _____ day of each month thereafter to and through _____, 20____, the payments shall consist of equal, fully amortized payments of principal and interest. Each payment shall be applied, first, to the payment of accrued interest and, second, to the payment of principal.

Payments of principal and interest, including prepayments of principal, shall be noted on the appropriate payment record made a part of this bond as provided by the ordinance authorizing its issuance.

The Issuer shall have the right to prepay the whole or any part of the principal amount of any installment of any time in inverse chronological order at par plus accrued interest. When any such prepayment has been made, interest on the amount of principal so prepaid shall cease to accrue from and after the date of prepayment.

This bond represents the entire series of bonds designated “Water Revenue Bonds, Series 1999, of the Village of Folsom, State of Louisiana”, and this bond is issued under and by virtue of the authority conferred by Part VII, Chapter 4, Title 39 of the Louisiana Revised Statutes of 1950, as amended, and other constitutional and statutory authority, pursuant to all requirements therein specified, and were specially authorized by an ordinance adopted by the governing authority of the Issuer on May 18, 1998 (the “Bond Ordinance”), to pay a portion of the cost of constructing and acquiring improvements and extensions to the waterworks system of the Issuer, including appurtenant equipment, accessories and properties, both personal and real, a work of public improvement for the Issuer.

This bond is payable as to principal and interest solely from the income and revenues derived or to be derived from the operation of the waterworks system of the Issuer (the “System”), after provision has been made for payment therefrom of the reasonable and necessary expenses of operating, maintaining and administering the System, and neither this bond nor the debt it represents constitutes an indebtedness or pledge of the general credit of the Issuer, within the meaning of any constitutional or statutory limitation in indebtedness.

The Issuer has obligated itself and by this bond declares that all of the income and revenues to be derived from the operation of the System shall be deposited promptly as the same may be collected in a separate and special bank account known and designated as the “Water System Fund”. For a complete statement of the manner in which said Water System Fund shall be maintained and administered, the provisions under which this bond is payable and the general covenants and provisions pursuant to which this bond is issued, reference is hereby made to the Bond Ordinance. The Issuer has duly covenanted and obligated itself and by this bond declares that it will fix and maintain rates and collect charges for all services and facilities to be rendered by the System sufficient to provide for the payment of the reasonable and necessary expenses of operating and maintaining the System, to provide for the payment of this bond, together with interest thereon, and all other obligations or indebtedness payable out of the revenues of the System, to provide a reserve therefore, and to provide a reasonable depreciation and contingency fund to care for depreciation, extensions, additions, improvements and replacements necessary to properly operate the System. For a more complete statement of the revenues from which and conditions under which this bond is issued, reference is hereby made to the Bond Ordinance.

This bond is issued on a complete parity with the Issuer's outstanding Water Revenue Bond, dated November 1, 1972, issued in the original principal amount of \$145,000 pursuant to a resolution adopted by the governing authority of the Issuer on September 5, 1972 (the "Outstanding Parity Bond"). It is certified that the terms and conditions set forth in the aforesaid resolution with respect to authorizing the issuance of this bond on a parity with the Outstanding Parity Bond have been waived by the registered owner of the Outstanding Parity Bond.

As provided in R.S. 39:832, this bond shall not constitute an indebtedness of the State of Louisiana.

This bond may be assigned and upon such assignment, the assignor shall promptly notify the Issuer by registered mail, and the assignor shall surrender the same to the Issuer for transfer on the registration records and verification of the endorsements made hereon, and every such assignee shall take this bond subject to such condition.

It is certified that this bond is authorized by and is issued in conformity with the requirements of the Constitution and statutes of this State.

It is further certified, recited and declared that all acts, conditions and things required to exist, to happen and to be performed precedent to and in the issuance of this bond and the issue of which it forms a part necessary to constitute the same legal, binding and valid obligations of the Issuer, have existed, have happened and have been performed in due time, form and manner as required by law, and that a sufficient amount of income and revenues to be derived from the operation of the System has been duly pledged and will be set aside for the payment of the principal of and the interest on this bond.

IN WITNESS WHEREOF, the Mayor and Board of Aldermen of the Village of Folsom, State of Louisiana, acting as the governing authority of the issuer, has caused this bond to be signed by its Mayor and attested by its Clerk, and the corporate seal of the Issuer to be hereon impressed and this bond to be dated as of the date of delivery hereof, _____, 1999.

VILLAGE OF FOLSOM, STATE OF LOUISIANA

ATTEST:

Marshell Brumfield, Mayor

Joyce Core, Clerk

EXIHIBIT A
TO BOND ORDINANCE

UNITED STATES OF AMERICA
STATE OF LOUISIANA
PARISH OF ST. TAMMANY

BOND ANTICIPATION NOTE
OF THE
VILLAGE OF FOLSOM, STATE OF LOUISIANA

NOTE NUMBER	MATURITY DATE	INTEREST RATE	PRINCIPAL AMOUNT
R-1	_____,1999	4.813%	\$550,000

The VILLAGE OF FOLSOM, STATE OF LOUISIANA (the "Issuer"), for value received, promises to pay to:

HIBERNIA NATIONAL BANK
2640 Emerald Road
Hwy. 22 #200
Mandeville, LA 70448

solely from the sources hereinafter provided, on the Maturity Date set forth above, that portion of the Principal Amount set forth above actually advanced to the Issuer as installments of the purchase price as hereinafter provided, together with interest on the installments of said purchase price actually paid to the Issuer from the respective dates of the receipt by the Issuer of such installments, payable on said Maturity Date, at the Interest Rate per annum set forth above until said Principal Amount (to the extent advanced to the Issuer) is paid. The principal of this Note, upon maturity, together with the interest thereon, is payable in lawful money of the United States of America at the principal corporate office of the Deposit Guaranty National Bank, in the City of Shreveport, Louisiana (the "Paying Agent"), or successor thereto, upon presentation and surrender hereof.

The purchase price of this Note shall be paid by the purchaser to the Issuer in installments, and interest on this Note shall accrue only on the installments, which shall have been paid to the Issuer and from the respective dates of payment. The amount and payment date of each purchase price installment shall be noted on Schedule A Attached hereto.

This Note is issued by the Issuer pursuant to an ordinance adopted by its governing authority on My 18, 1998 (the "Ordinance"), for the purposes set forth in the Ordinance, pursuant to the authority conferred by Chapter 14-B of Title 39 of the Louisiana Revised Statutes of 1950, as amended, and other constitutional and statutory authority.

This Note is subject to prepayment at any time at a price equal to the principal amount hereof (the aggregate purchase price installments paid to the Issuer) plus accrued interest to the date of prepayment.

This Note constitutes a limited and special obligation of the Issuer, the principal and interest of which is payable from the proceeds of an authorized but unissued Water Revenue Bond of the Issuer (the "Water Revenue Bond") authorized to be issued in the principal amount of \$550,000 by the Ordinance or from the proceeds of unauthorized and unissued notes which may be issued after being duly authorized to refund this Note (the "Refunding Notes:"), and the income and revenues derived or to be derived from the operation of the Issuer's waterworks system, after provision has been made for payment therefrom of (i) the

Reasonable and necessary expenses of operating, maintaining and administering said system and (ii) the payments as required on any outstanding indebtedness of the Issuer payable from said income or revenues, including the Issuer's outstanding Water Revenue Bond, dated November 1, 1972. The Issuer has covenanted in the Ordinance to use its best efforts to issue the Water Revenue Bond or the Refunding Notes in a principal amount sufficient, together with other available funds therefore, to pay the principal of this Note at the maturity thereof and has further covenanted in the Ordinance to budget a sufficient sum of money to pay the interest when due on this Note to the extent such interest is not paid from the proceeds of this Note.

It is certified that this Note is authorized by and is issued in conformity with the requirements of the Constitution and statutes of this State.

IN WITNESS WHEREOF, the Mayor and Board of Aldermen of the Village of Folsom, State of Louisiana, acting as the governing authority of the Issuer, has caused this Note to be signed by the Mayor and attested by the Clerk of the Issuer, and the corporate seal of the Issuer to be hereon impressed, and this Note to be dated as of the date of delivery hereof, _____, 1998.

VILLAGE OF FOLSOM, STATE OF LOUISIANA

Mayor

ATTEST:

Clerk

PROVISIONS FOR REGISTRATION

This Note has been registered as to principal and interest in the name of the registered owner hereof on the books maintained by the Deposit Guaranty national Bank, in the City of Shreveport, Louisiana, as Registrar, as follows:

<i>Date of Registration</i>	<i>Name of Registered Owner</i>	<i>Address of Registered Owner</i>	<i>Signature of Registrar</i>
	Hibernia National Bank	2640 Emerald Rd. Hwy. 22 #200 Mandeville, LA 70448	

FORM OF ASSIGNMENT

FOR VALUE RECEIVED, the undersigned hereby sells, assigns and transfers unto

Please Insert Social Security
Or other Identifying Number of Assignee

the within Note and all rights thereunder, and hereby irrevocably constitutes and appoints

_____ attorney or agent to transfer the within Note on the books
kept for registration thereof, with full power of substitution in the premises.

Dated: _____

NOTICE: The signature to this assignment must correspond with the name as it
appears upon the face of the within Note in every particular, without alteration or
enlargement or any change whatever.

EXHIBIT B
TO BOND ORDINANCE

OFFER TO PURCHASE

The undersigned hereby offers to purchase Five Hundred Fifty Thousand Dollars (\$550,000) aggregate principal amount of Bond Anticipation Notes of the Village of Folsom, State of Louisiana, bearing interest at the rate of Four Decimal Eight One Three per centum (4.813 %)

Per annum on the principal amounts advanced by the undersigned to the Village and from the dates of such advances until paid and maturing over a portion not exceeding eight(8) months from the date thereof, said Notes to be issued in the form of a single fully registered Bond Anticipation Note (the "Note"). The purchase price for the Note is the principal amount thereof (which is to be advanced to the Village on an as needed basis). The delivery of the Note will be within 75 days of the date hereof (unless extended by mutual agreement between the Village and the undersigned) in Folsom, Louisiana, on a date mutually agreeable to the Issuer and the undersigned. The Note is subject to prepayment at any time at a price equal to the principal amount of the Note advanced to the Village plus accrued interest to the date of prepayment.

We will accept delivery of the Note receipt of an opinion from Foley & Judell, L.L.P., Bond Counsel, that the interest on the Note is excluded from gross income of the owners for federal income tax purposes (subject to acceptable qualifications thereon) and that the Note is a "qualified tax-exempt obligation" within the meaning of Section 265(b)(3)(B) of the Internal Revenue Code of 1986, as amended.

HIBERNIA NATIONAL BANK

By: _____
Title: Sr. Vice President

Dated: May 11, 1998

ACCEPTED THIS 11TH DAY OF MAY, 1998, BY THE MAYOR AND BOARD OF ALDERMEN OF THE AVILLAGE OF FOLSOM, STATE OF LOUISIANA

BY: Joyce Core
Title: Clerk

**VILLAGE OF FOLSOM
STATE OF LOUISIANA**

**ORDINANCE AMENDING CODE OF ORDINANCES
CHAPTER 16, WATER AND SEWER**

AN ORDINANCE TO PROVIDE FOR THE IMPOSITION OF A COLLECTION FEE FOR DELINQUENT SERVICE CHARGES OR USER FEES WHEN COLLECTED THROUGH THE OFFSET CLAIMS PROGRAM, AS AUTHORIZED BY LOUISIANA REVISED STATUTE 47:299.1 ET SEQ. AND TO PROVIDE FOR RELATED MATTERS.

BE IT ORDAINED by the Board of Alderman of the Village of Folsom, State of Louisiana that the Village of Folsom, Code of Ordinances, Chapter 16 “Water and Sewer,” Article B “Water Regulations, Policies and Rates,” be amended to add the following provision:

Section 16.22 Offset Claims Program.

Any charges levied herein which remain unpaid for thirty (30) days past the due date shall be subject to collection through the Louisiana Municipal Advisory and Technical Services Bureau Corporation Offset Claims Program. Overdue charges will be offset from the individual income tax refund of the consumer. Should payment be collected through the Offset Claims Program in the form attached hereto is approved, and the Mayor is authorized to execute it.

E IT ORDAINED by the Board of Aldermen of the Village of Folsom, state of Louisiana that the Village of Folsom, Code of Ordinances, Chapter 16 “Water and Sewer,” Article C “Sewerage District,” be amended to add the following provision:

Section 16.35 Offset Claims Program.

Any charges levied herein which remain unpaid for thirty (30) days past the due date shall be subject to collection through the Louisiana Municipal Advisory and Technical Services Bureau Corporation Offset Claims Program. Overdue charges will be offset from the individual income tax refund of the consumer. Should payment be collected through the Offset Claims Program, a fee of Twenty Five Dollars (\$25.00) will be charged the consumer in addition to all other charges, interest, and penalties collected. Pursuant to Louisiana Revised Statute 33:361, the Agreement with the Louisiana Municipal Advisory and Technical Services Bureau Corporation for participation in the Offset Claims Program in the form attached hereto is approved, and the Mayor is authorized to execute it.

BE IT FURTHER ORDAINED that this ordinance shall take effect on and after its promulgation.

Said ordinance having been introduced on the 13th day of March, 2000, notice of public hearing having been published, said public hearing having been held on the 19th day of April, 2000, the title having been read and the ordinance considered, on motion duly made and seconded to adopt the ordinance, a record vote was taken and the following was had:

Yeas:	Alderman Willie Richardson, Jr. Alderman Gerald Sambola Alderman David Pittman
Nays:	None
Abstentions:	None
Absent:	None

Whereupon, the Mayor declared the above ordinance duly adopted on the 10th day of April 2000.

Folsom, Louisiana this 10th day of April, 2000.

Willie Richardson, Jr. Alderman

Gerald Sambola, Alderman

David Pittman, Alderman

Approved:

Village of Folsom

By: Marshell Brumfield, Mayor

CERTIFICATE

I, Joyce Core, certify that the above and foregoing is a true and correct extract of the minutes of the regular session of the Village of Folsom held at Town Hall in the Village of Folsom, Louisiana on the 10th Day of April 2000. Present: Marshell Brumfield, Mayor, Willie Richardson, Jr. Alderman Gerald Sambola, Alderman, David Pittman, Alderman. All present voted yea and there were no nays.

Joyce Core, Municipal Clerk

**RESOLUTION INTRODUCING AN ORDINANCE
FOR THE PRE-TREATMENT OF CERTAIN WASTEWATER DISCHARGES
INTO THE VILLAGE OF FOLSOM Publicly Owned Treatment Works**

BE IT ORDAINED BY THE BOARD OF ALDERMEN of the Village of Folsom, Louisiana:

Section XX-01. General Provisions.

- (a) Purpose and policy. This article sets forth uniform requirements for direct or indirect contributors into the wastewater collection and treatment system for the Village of Folsom and enables the Village to comply with all applicable State and Federal laws required by the Clean Water Act of 1977 and the General Pretreatment Regulations 940 CFR Part 403.5). *This ordinance shall apply all Village of Folsom Sanitary Sewerage users.*

The objectives of this article are:

- 1) To prevent the introduction of pollutants into the Village of Folsom Publicly Owned Treatment Works ("POTW") that will interfere with its operation;
 - 2) To prevent the introduction of pollutants into the Village's POTW that will pass through the POTW, inadequately treated, into receiving waters, or otherwise be incompatible with the POTW;
 - 3) To protect both the PO TW personnel who may be affected by the wastewater and sludge in the course of their employment and the general public;
 - 4) To promote reuse and recycling of industrial wastewater and sludge from the PO TW;
 - 5) To enable the Village of Folsom to comply with its National Pollutant Discharge Elimination System ("NPDES") permit conditions, sludge use and disposal requirements, and any other State and Federal laws to which the POTW is subject.
- (b) Abbreviations. The following abbreviations, when used in this ordinance, shall have the designated meanings:

BOD	- Biochemical Oxygen Demand
CFR	- Code of Federal Regulations
COD	- Chemical Oxygen Demand
EPA	- U.S. Environmental Protection Agency
Mg/l	- milligrams per liter
NPDES	- National Pollutant Discharge Elimination System
POTW	- Publicly Owned Treatment Works
U.S.C.	- United States Code

(c) Definitions. Unless a provision explicitly states otherwise, the following terms and phrases, as used in this ordinance, shall have the meanings hereinafter designated.

- (1) Act or “the Act.” The Federal Water Pollution Control Act, also known as the Clean Water Act, as amended, 33 U.S.C.0 1251 et seq.
- (2) Biochemical Oxygen Demand or BOD. The quantity of oxygen utilized in the biochemical oxidation of organic matter under standard laboratory procedures for five (5) days at 20 centigrade, usually expressed as a concentration (e.g., mg/l).
- (3) Village. The Village of Folsom or the Mayor and Board of Aldermen of Folsom.
- (4) Environmental Protection Agency or EPA. The U.S. Environmental Protection Agency or, where appropriate, the Regional Water Management Division Director, or other duly authorized official of said agency, specifically including the Louisiana Department of Environmental Quality (“LaDEQ”).
- (5) Interference. A discharge, which alone or in conjunction with a discharge or discharges from other sources, inhibits or disrupts the POTW, its treatment processes or operation or this sludge processes, use or disposal; and therefore, is the cause of a violation of the Village’s NPDES permit (including an increase in magnitude or duration of the violation) or of the prevention of sewage sludge use or disposal in compliance with any of the following statutory/regulatory provisions, or any more stringent State or local regulations: Section 405 of the Act; the Solid Waste Disposal Act, including Title II commonly referred to as the Resource Conservation and Recovery Act (RCRA); any State regulations contained in any State sludge management plan prepared pursuant to Subtitle D of the Solid Waste Disposal Act; the Clean Air Act; the Toxic Substances Control Act; and the Marine Protection, Research, and Sanctuaries Act.
- (6) Pass Through. A discharge which exists the POTW into the waters of the United States in quantities or concentrations which, alone or in conjunction with a discharge or discharges from other sources, is a cause of a violation of any requirement of the Village’s NPDES permit, including an increase in the magnitude or duration of a violation.
- (7) pH. The logarithm (base 10) of the reciprocal of the concentration of hydrogen ions measured in grams per liter of solution and expressed in Standard Units (SU).

- (8) Pollutant. Oil, grease, detergent bi-products, dredged soil, solid waste, incinerator residue, filter backwash, sewage, garbage, sewage sludge, munitions, medical wastes, chemical wastes, biological materials, radioactive materials, heat, wrecked or discarded equipment, rock, sand, cellar dirt, municipal, agricultural, and industrial wastes, and certain characteristics of wastewater (e.g., pH, temperature, TSS, turbidity, color, BOD, DCOD, toxicity, odor).
- (9) Pretreatment Standards or Standards. Pretreatment standards shall mean prohibited discharge standards, categorical pretreatment standards, and local limits.
- (10) Prohibited Discharge Standards or Prohibited Discharges. Absolute prohibitions against the discharge of certain substances; these prohibited in Section XX-02 of this ordinance.
- (11) Publicly Owned Treatment Works or POTW. The Village of Folsom municipal wastewater treatment facility, located south of LA 40 at Railroad Avenue. A “treatment works” as defined by Section 212 of the Act (33 U.S.C. 1292) which is owned by the Village. This definition includes any devices or systems used in the collection, storage, treatment, recycling, a and reclamation of sewage or industrial wastes if a liquid nature and any conveyances, which convey wastewater to a treatment plant.
- (12) Sewage. Human excrement and gray water (household showers, dishwashing operations, etc.).
- (13) Superintendent. The person designated by the Village to supervise the operation of the POTW, and who is charged with certain duties and responsibilities by this ordinance or a duly authorized representative.
- (14) User or Industrial User. A source of indirect discharge.

2. Section XX-02. Prohibited Discharge Standards.

- (a) **General Prohibitions.** No user shall introduce or cause to be introduced into the POTW any pollutant or wastewater, which causes pass through or interference. These general prohibitions apply to all users of the POTW whether or not they are subject to categorical pretreatment standards or any other National, State, or local pretreatment standards or requirements.
- (b) **Specific Prohibitions.** No user shall introduce or cause to be introduced into the POTW the following pollutants, substances, or wastewater.
 - (1) Pollutants which create fire or explosion hazard in the POTW, including but not limited to wastestreams with a closed cup flashpoint of less than 140 F (60 C) using test methods specified in 40 CFR 261.21.
 - (2) Pollutants that will cause corrosive structural damage to the POTW or equipment, but in no case discharges with a pH lower than 5.0.

- (3) Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference.
- (4) Any pollutant, including oxygen-demanding pollutants (BOD, etc.) Released in a discharge at a flow rate and /or pollutant concentration that will cause interference with the POTW.
- (5) Heat in amounts which will inhibit biological activity in eh POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW exceeds 104F (40C).
- (6) Petroleum oil, non-biodegradable cutting oil or products of mineral oil origin, in amounts that will cause interference or pass through.
- (7) Pollutants which result in the presence of toxic gases, vapors or fumes within the POTW in a quantity that may cause worker health and safety problems.
- (8) Any trucked or hauled pollutants, except at discharge points designated by the POTW.

8.3 Section XX-03 Pre-Treatment Requirements

All sewer users, which, in the judgment of the Superintendent, generate or discharge into the Village of Folsom wastewater collection system, either intermittently or continually, any of the prohibited discharges as listed in “8.2. Section XX.02. Prohibited Discharge Standards”, shall within thirty (300 calendar days of notice by the Village, comply with one or all of the following remedies, as directed by the Village:

- (a) Install a grease trap or other suitable device for removal of the pollutant(s) from the user’s discharge
- (b) Allow for the convenient access to the pre-treatment facility by the Village or its authorized representative for maintenance/cleaning.
- (c) Cease the discharge of all pollutant(s) from the user’s discharge.
- (d) Disconnect all discharge piping from the Village of Folsom wastewater collection system: and, obtain LaDHH permit(s) for alternate method(s) of wastewater discharge/disposal.

8.4 Section XX-04. Maintenance of Pre-Treatment Facilities

All sewer users, which have been duly notified per “8 3.Section XX-03. Pre-Treatment Requirements”, shall be responsible for the maintenance of their pre-treatment facility in good working order, and shall be responsible for eliminating pollutants from the user’s wastewater discharge.

The payment by the user of “Sewer Pre-Treatment Fees” does not release the user from violations of this ordinance.

8.5 Section XX-05 Sewer Pre-Treatment Fees.

All sewer users which, in the judgment of the Superintendent, generate or discharge into Village of Folsom wastewater collection system, either intermittently or continually, any of the prohibited discharges as listed in “8.2 Section XX-02. Prohibited Discharge Standards”, and/or have been duly notified by the Village per “8 3. Section XX-03 Pre-Treatment Requirements”, shall be subject to the following fees, payable to the Village at times and location at the discretion of the Village:

- Initial registration permit fee: \$100.00
- Monthly inspection fee: \$50.00 per month
- Grease trap maintenance fee: \$100.00 per cleaning (weekly, or as necessary)

8.6 Section XX-06 Penalties for Non-Compliance.

All sewer users, which, in the judgment of the Superintendent, generate or discharge into the Village of Folsom wastewater collection system, either intermittently or continually, any of the prohibited discharges as listed in “2. Section XX-02. Prohibited Discharge Standards”, and /or have been duly notified by the Village per “3. Section XX-03. Pre-Treatment Requirements”, shall be subject to the following penalties for failure to comply with this ordinance:

- (a) Failure to install a grease trap or other suitable device for the removal of pollutant(s) from the user’s discharge:
 - (1) First Violation--\$100.00, or five (5) days in jail.
 - (2) Second Violation--\$250.00, or ten (10) days in jail.
 - (3) Third Violation--\$500.00, or thirty (30) days in jail.
 - (4) Fourth Violation--\$100.00 per calendar day for each day violation occurs, or ten (10) days in jail for each day violation occurs.
- (b) Failure to make available to the Village or its authorized representative convenient access to the pre-treatment facility--\$100.00 or five (5) days in jail.
- (c) Discharge into the Village’s wastewater collection system any of the pollutants defined in “2. Section XX-02. Prohibited Discharge Standards”, paragraph “(b)”, items “(1)”, “(7)”, or “(8)”--\$500.00, or thirty (30) days in jail.

7. Section XX-07. Emergency Suspensions.

The Superintendent may immediately suspend a user's discharge, after informal notice to the user, whenever such suspension is necessary to stop an actual or threatened discharge that reasonably appears to present or cause an imminent or substantial endangerment to the health or welfare of persons. **The Superintendent** may also immediately suspend a user's discharge, after notice and opportunity to respond, that threatens to interfere with operation of the POTW, or which presents or may present, an endangerment to the environment.

Any user notified of a suspension of its discharge shall immediately stop or eliminate its contribution. In the event of the user's failure to immediately comply voluntarily with the suspension order, **the Superintendent** may take such steps as deemed necessary, including immediate severance of the sewer connection, to prevent or minimize damage to the POTW, its receiving stream or endangerment to any individuals. **The Superintendent** may allow the user to commence its discharge when the user has demonstrated to the satisfaction of the Superintendent that the period of endangerment has passed.

8. Section XX-08. Monitoring.

- (a) Inspections: **The Superintendent** shall have the right to enter the premises of any user to determine whether the user is complying with all the requirements for this ordinance. Users shall allow **the Superintendent** ready access to all parts of the premises for the purposes of inspection, sampling, record examination and copying, and the performance of any additional duties.
- A. Where a user has security measures in force, which require proper identification and clearance before entry into the premises, the user shall make necessary arrangements with the security so that, upon presentation of suitable identification, **the Superintendent** will be permitted to enter without delay for the purpose of performing specific duties.
 - B. **The Superintendent** shall have the right to set up on the user's property such devices as are necessary to conduct sampling and /or metering of the user's operation.
 - C. Unreasonable delays in allowing **the Superintendent** access to the user's premises shall be a violation of this ordinance.
- (b) Search Warrants. If **the Superintendent** has been refused access to the building, structure, or property, or any part thereof, and is able to demonstrate probable cause to believe that there may be a violation of this ordinance, or that there is a need to inspect to verify compliance with this ordinance, or protect the overall public health, safety and welfare of the community, then **the Superintendent** may seek issuance of a search warrant from the **appropriate Court of the Village**.

9. Section XX-09. Severability.

If any section, subsection, clause, phrase or portion of this ordinance is, for any reason, held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not effect the validity of the remaining portions of this ordinance.

Motion by: Alderman Pittman

Seconded by: Alderman Sambola

Yes: 3

No: 0

Absent/Abstain: NONE

And the Mayor declared this ordinance introduced this the 8th day of January, 2001.

BY: Marshall Brumfield, Mayor

ATTEST: Pamella B. Divinity, Acting Clerk

ORDINANCE AMENDING CODE OF ORDINANCES
CHAPTER 16, WATER AND SEWER

AN ORDINANCE TO IMPOSE A MORATORIUM ON CONNECTIONS TO THE MUNICIPAL
SEWERAGE TREATMENT SYSTEM

WHEREAS, Louisiana Revised Statute Title 33 “Municipalities and Parishes, “ Chapter 2 “Local Government, “ Part I “Mayor and Board of Aldermen,” Subpart C “Municipal Powers, “ provides:

Section 361. Municipal powers.

“A. Except as otherwise provided in this Part, a municipality shall be vested with all powers, rights, privileges, immunities, authorities, and duties heretofore possessed in accordance with all constitutional and statutory provisions with respect thereto. A municipality is further authorized to exercise any power and perform any function necessary, requisite, or proper for the management of its affairs not denied by law.”

WHEREAS, included within the police power of municipal corporations is the authority to regulate the collection and treatment of sanitary waste disposal and sewerage treatment systems and the authority to legislate for the protection of the health of its inhabitants, and it is the duty of the municipality to do so.

WHEREAS, engineering data indicates that the Village of Folsom transmits its wastewater through the municipal sewer system using a combination of gravity collection mains and pumping stations. The municipal sanitary sewerage collection system is comprised of approximately 12,000 linear feet of eight-inch diameter sewer lines, constructed primarily of PVC. The Village of Folsom operates two sanitary sewerage-pumping stations, one located on St. Claude Street and the other near Jackson Street. The Jackson Street lift station handles one hundred percent of the municipal treatment plant’s influent.

Rainfall that penetrates the surface also infiltrates the sewer collection system at leaks in the system, an occurrence termed “infiltration/inflow.” Infiltration/inflow problems in the municipal sewer system become evident when comparing wet weather flows to dry weather flows.

Efforts by municipal personnel to remedy the infiltration/inflow problems have achieved minimal results due to the magnitude and elusive source of the infiltration/inflow problems and the inability to define a clear solution without benefit of a Sewer System Evaluation Survey. Although the Village of Folsom has applied for governmental funding grants to assist in the correction of these problems, no grants have been awarded to date.

The existing municipal sewer treatment plant is permitted at 0.0996 MGD (million gallons per day). The existing customer base consists of approximately 116 residential users and 49 commercial users. Assuming 400 gallons per day for residential usage and 1000 gallons per day for commercial usage, this customer base theoretically produces 0.0954 MGD of untreated sewer. Based on these figures, the municipal sewer treatment plant is currently operating at 95.8% of capacity.

WILLIE RICHARDSON, JR., Alderman

GERALD SAMBOLA, Alderman

DAVID PITTMAN, Alderman

Approved:

VILLAGE OF FOLSOM

By: MARSHELL BRUMFIELD, Mayor

CERTIFICATE

I, Joyce Core, certify that the above and foregoing is a true and correct extract of the minutes of the regular session of the Village of Folsom held at the Town Hall in the Village of Folsom, Louisiana on the 11th day of December 2000. Present: Marshall Brumfield, Mayor, Willie Richardson, Jr., Alderman, Gerald Sambola, Alderman, David Pittman, Alderman. All present voted yea and there were no nays.

JOYCE CORE, Municipal Clerk

Page 3 of 3 pages: Ordinance amending Code of Ordinances, Chapter 16 "Water and Sewer," Section 16.49 "Moratorium on Connections to Municipal Sewerage Treatment System."

**ORDINANCE AMENDING CODE OF ORDINANCES
CHAPTER 16, WATER AND SEWER**

**AN ORDINANCE TO PROVIDE FOR BASIC DESIGN AND CONSTRUCTION
REQUIREMENTS FOR THE MUNICIPAL SEWERAGE COLLECITON SYSTEM**

BE IT ORDAINED by the Board of Aldermen of the Village of Folsom, State of Louisiana that he Village of Folsom, Code of Ordinances, Chapter 16 “Water and Sewer,” Article E “Design and Construction of Municipal Sewerage Collection System, “ Section 16.50 be enacted as follows:

WHEREAS, Louisiana Revised Statute Title 33 “Municipalities and Parishes, “Chapter 2 “Local Government, “ Part I “Mayor and Board of Aldermen,” Subpart C “Municipal Powers, “ provides:

Section 361. Municipal powers.

“A. Except as otherwise provided in this Part, a municipality shall be vested with all powers, rights, privileges, immunities, authorities, and duties heretofore possessed in accordance with all constitutional and statutory provisions with respect thereto. A municipality is further authorized to exercise any power and perform any function necessary, requisite, or proper for the management of its affairs not denied by law.”

WHEREAS, included within the police power of municipal corporations is the authority to regulate the design and construction of sewerage collection systems and the authority to legislate for the protection of the health of its inhabitants, and it is the duty of the municipality to do so.

WHEREAS, the Mayor and Board of Aldermen have determined that future construction of sewerage collection systems, whether by public or private sources, should adhere to design parameters suggested by engineering professionals retained by the Village of Folsom for that purpose.

WHEREAS, sewerage collection systems constructed by private sources must be maintained in good repair by the private owner for a period of not less than eighteen months following the date the sewerage collection system enters service, after which the municipality will accept the system into its municipal sewerage collection infrastructure.

WHEREAS, the private owner responsible for construction of the sewerage collection system will be required to post a surety bond to guarantee proper construction and subsequent maintenance of the system, which bond shall be in the amount of ten percent of the total estimated cost of the contemplated sewer improvements.

BE IT ORDAINED by the Board of Aldermen of the Village of Folsom, State of Louisiana that the Village of Folsom, Code of Ordinances, Chapter 16 “Water and Sewer,” Article E “Design and Construction, “ Section 16.50 be enacted as follows:

Effective on the date of promulgation of this ordinance, design and construction of sewerage collection systems within the municipal limits shall conform to the attached documents which set forth design and construction specifications. The attached specifications include the following categories:

BASIC DESIGN REQUIREMENTS FOR SEWER MAINS

- A. DESIGN FLOW
- B. PIPE SIZES AND SLOPES
- C. MANHOLES
- D. STREAM CROSSINGS (Below Stream Grade)
- E. STREAM CROSSINGS (Above Stream Grade)
- F. STATE HIGHWAY CROSSINGS
- G. NOTIFICATION PRIOR TO BEGINNING SANITARY SEWER CONSTRUCTION
- H. MAINTENANCE AGREEMENT
- I. MAINTENANCE BOND
- J. FINAL APPROVAL OF SEWER IMPROVEMENTS
- K. SERVITUDES
- L. SEWER ACCESS
- M. SEWER PLANS REVIEW AND CONSTRUCTION INSPECTION FEE

BASIC DESIGN REQUIREMENTS FOR SEWERAGE PUMPING STATIONS

- A. GENERAL
- B. DESIGN
- C. SUBMERSIBLE PUMP STATIONS
- D. ALARM SYSTEMS
- E. EMERGENCY OPERATION
- F. INSTRUCTIONS
- G. FORCE MAINS

BASIC PRODUCT SPECIFICATIONS

- A. GENERAL

B. POLYVINYL CHLORIDE (PVC) GRAVITY SEWER PIPE

C. PVC PIPE JOINT

D. DUCTILE IRON GRAVITY SEWER PIPE

E. JOINTS FOR DISSIMILAR PIPE

MANHOLE SCHEMATICS

PRECAST CONCRETE MANHOLE

PRECAST DROP MANHOLE

SUBDIVISION CHECK LIST FOR SEWER CONSTRUCTION PLANS

A. SANITARY SEWER LAYOUT

B. PUMP STATION DATA

FORMS

MAINTENANCE AGREEMENT

SURETY BOND

BOUNDARY MAPS

BE IT FURTHER ORDAINED that this ordinance shall take effect on and after its promulgation.

Said ordinance having been introduced on the 12th day of March, 2001, notice of public hearing having been published, said public hearing having been held on the 9th day of April, 2001, the title having been read and the ordinance considered, on motion duly made and seconded to adopt the ordinance, a record vote was taken and the following was had:

Yeas: Alderman Willie Richardson, Jr.

Alderman Gerald Sambola

Alderman David Pittman

Nays: None.

Abstentions: None.

Absent: None.

Whereupon, the Mayor declared the above ordinance duly adopted on the 9th day of April, 2001.

Folsom, Louisiana this 9th day of April, 2001.

WILLIE RICHARDSON JR., Alderman
GERALD SAMBOLA, Alderman
DAVID PITTMAN, Alderman

Approved:

VILLAGE OF FOLSOM

By: MARSHALL BRUMFIELD, Mayor

CERTIFICATE

I, Joyce Core, certify that the above and foregoing is a true and correct extract of the minutes of the regular session of the Village of Folsom held at the Town Hall in the Village of Folsom, Louisiana on the 9th day of April, 2001. Present: Marshall Brumfield, Mayor, Willie Richardson, Jr. Alderman, Gerald Sambola, Alderman, David Pittman, Alderman. All present voted yea and there were no nays.

JOYCE CORE, Municipal Clerk

YOUR SYSTEM NAME

YOUR PARISH, LOUISIANA

Effective Date

MEMORANDUM TO: All Subdivision Developers and Consulting Engineers

FROM: Your System Name

SUBJECT: Guidelines and Check List for the PREPARATION OF Construction Plans, after preliminary concept approval, within the boundaries of *Your System Name* (Maps are attached)

A. SCOPE: The scope of this memorandum is to establish a uniform policy for reviewing subdivision sewerage construction plans proposed within Your System Name , along with providing required basic sewer design criteria and specification. A checklist shall be submitted with two (2) copies of the proposed subdivisions construction plans and specifications.

B. EFFECTIVE DATE: This Subdivision Policy will be implemented immediately upon receipt.

Your System Name

Your System Name

Signature

Signature

President

President

YOUR BOUNDARY MAPS
YOUR BOUNDARY MAPS
YOUR BOUNDARY MAPS
YOUR BOUNDARY MAPS

YOUR SYSTEM NAME
YOUR PARISH, LOUISIANA
SUBDIVISION CHECK LIST
FOR
SEWER CONSTRUCTION PLANS

Subdivision Name: _____

YOUR SYSTEM NAME: _____
Number

Developer: _____
Name Signature Date

INTRODUCTION: The following checklist provides a guideline for compliance with the _____ YOUR SYSTEM NAME policies, regulations, standards, and specifications. All applicable items must be addressed. Please submit two (2) sets of construction plans for our review.

A. SANITARY SEWER LAYOUT

NO.	ITEM	YES	NO	N/A	COMMENTS*
1	Name of Subdivision				
2	Name of Engineer, signature & seal				
3	Contours, B.M. data—Elevation & Source				
4	Servitudes				
5	Lot numbers				
6	Pipe sizes and grades				
7	Manhole designation, top and invert elevations for each MH				
8	Wyes for each lot—No wyes to be stubbed into manholes—No double wyes				
9	Graphic scale (1" = 100')				
10	North arrow				
11	Show sewer plan and profile locations and service lines or, on street plans (to avoid conflicts) show lengths and slopes				
12	Show locations of pump station and force main where applicable				
13	Show calculations and/or documentation establishing that existing sanitary sewer system (proposed tie-in) has adequate capacity for accepting the proposed subdivision				
14	Legend				
15	Quantity Sheet				

- Attach additional sheet if needed for comments.

C. PUMP STATION DATA

NO.	ITEM	YES	NO	N/A	COMMENTS*
1	Design, average and peak flows, and total dynamic head—Show calculations				
2	Pump sizes (GPM) and model numbers				
3	Motor sizes and speeds (RPM)				
4	Pump discharge pipe size				
5	Access cover size				
6	Slab elevation				
7	Ground elevation				
8	Top elevation				
9	Lead pump “ON” elevation				
10	Lag pump “ON” elevation				
11	Wet well dimensions and elevations				
12	Size and length of elevations				
13	Size of influent sewer main				
14	Electrical supply				
15	Site plan and access				
16	Chain link fence with double swinging driveway gates				

- Attach additional sheet if needed for comments.

STATE OF LOUISIANA

PARISH OF YOUR

THIS AGREEMENT made and entered into this _____ day of _____, 19_____, by and between

_____ Hereinafter designated as OWNER, AND YOUR SYSTEM NAME _____ of Yours Parish, Louisiana, herein represented by _____, President.

WITNESSITH:

WHEREAS, the OWNER has subdivided Lots _____ through _____, _____ Subdivision, and has received approval and acceptance from YOUR SYSTEM NAME for sanitary sewer improvements constructed therein; and

WHEREAS, under the provisions of the Subdivision Guidelines, the OWNER is required to maintain all sanitary sewer improvements for a period of eighteen (18) months;

NOW, THEREFORE, it is hereby agreed by and between the OWNER and Your System Name that the OWNER will keep all filled trenches, pipes, manholes, and structures constructed by him in the Subdivision in good condition, and will make such repairs to any defect in materials or workmanship as may develop or be discovered when called upon to do so by the Manager of Your System Name

It is agreed that this Agreement shall be in full force and effect for a period of eighteen (18) months from _____, 19 ____.

IN WITNESS WHEREOF, these presents have been signed in the presence of the undersigned competent witnesses, at Your , Louisiana, on this _____ day of _____, 19_____.

WITNESSES:

(OWNER)

By _____

YOUR SYSTEM NAME

By _____

President

STATE OF LOUISIANA

PARISH OF YOUR

KNOW ALL MEN BY THESE PRESENTS, that _____,
_____, Louisiana, as Principal, and _____,

As Surety, are held firmly bound unto *Your System Name* , *Yours* , Louisianan, in
the sum of (\$ _____) Dollars in lawful current money of the United States, for which payment
will and truly be made, we bind heirs, our successors, assigns, and ourselves in solido by these presents:

Date and signed at _____, Louisiana, this _____ day of
_____, 19 _____.

THE CONDITIONS of this obligation are such that whereas the above named principal did on
the ____ day of _____ , 19 _____, enter into a certain contract with the President of *Your
System Name* _____ to maintain for a period of eighteen (18) months from
_____, 19 _____, the sanitary sewer improvements in _____
Subdivision, and keep all filled trenches, pipes, manholes, and structures constructed by him in good
condition, and shall make such repairs to any defects in terms, covenants, and conditions, according to
its tenor and discharge of all said principal's obligations thereunder, and shall fully pay and discharge all
of said principal's obligations to *Your System Name* , then this obligation shall be null and
void; otherwise to be and remain in full force, effect, and virtue.

IN TESTIMONY WHEREOF, we have hereunto set our hands, in the presence of the two
undersigned competent witnesses, this day, month, a year above written.

WITNESSES:

By _____
Attorney-in-Fact

By _____
Owner's Signature

YOUR SYSTEM NAME

YOUR PARISH, LOUISIANA

BASIC DESIGN REQUIREMENTS
SEWER MAINS

A. **DESIGN FLOW:**

1. The sewer system shall be designed to accommodate an average daily flow of not less than 100 GPD per capita. This amount is assumed to cover normal infiltration. Use 400 GPD per residence.
2. The sewer system shall be designed on a peak flow basis by multiplying the average daily flow by 300%.

B. **PIPE SIZES AND SLOPES:**

1. The minimum size sanitary sewer pipe shall be not less than 8 inches in diameter.
2. Sewers shall be designed to give mean velocities of not less than 2.0 fps and not greater than 15.0 fps. Following are the minimum slopes that should be provided.

<u>Sewer Pipe Size</u>	<u>Min. Slope in Feet per 100 feet</u>
8"	0.40
10"	0.28
12"	0.22
15"	0.15
18"	0.12
21"	0.10
24"	0.08

3. Sewers shall be laid on uniform slopes and straight alignment between manholes. Alignment shall be checked by either using a laser beam or lamping.
4. Where pipe size changes are encountered, the larger size pipe shall be lowered sufficiently to maintain the same energy gradient. Align the tops of the inside diameter to approximately the same elevation.
5. Trenching width shall be ample to allow the pipe to be laid and joined properly and to allow the backfill to be placed and compacted as required. No backfill shall be placed until Sewer District personnel have inspected the installation.
6. Backfill shall be suitable material removed from the trenching excavation except where other material is specified and shall be placed in such a manner as not to disturb the alignment of the pipe.
7. Flexible pipe shall be tested for deflection after the final backfill has been in place for 30 days, and no deflection of the pipe shall be greater than 5 %. Use a rigid ball or mandrel without mechanical pulling devices.
8. Joints in the sewer shall be designed to minimize infiltration and to prevent the entrance of roots into the system.
9. Leakage tests shall be required and may include appropriate water or low pressure air testing. The leakage, exfiltration, or infiltration shall not exceed 200 gallons per Inch of pipe diameter per mile per day for any section of the sewer system.
10. Manholes shall be inspected for watertightness prior to being placed in service.

C. MANHOLES:

1. Manholes shall be required at the end of each sewer main line and at all changes in grade, size, alignment, and intersections. The distance between manholes shall not exceed 400 feet (330 feet is preferable).
2. Manholes shall have minimum depth of 4 feet and a maximum depth of 20 feet.
3. Manholes shall have a 0.10-foot drop for a 90° turn and a 0.05-foot drop for a 45° turn.
4. Drop type manholes shall be provided for a sewer main entering a manhole at an elevation of two (2') feet or more above the manhole invert. Where the difference is less than two (2') feet in elevation, the invert shall be filleted to prevent solids deposition. The drop manhole shall be constructed with an outside drop connection and shall be completely encased in concrete.
5. Manholes shall have a diameter of 48 inches or compatible with the larger size pipe mains. Each manhole shall be provided with an access (minimum diameter of 22 inches).

6. The flow channel through the manhole shall conform to the slope of the sewers.
7. Manholes shall be of the pre-cast concrete type and the joints shall be waterproofed both inside and outside. Inlet and outlet sewer pipes shall be joined to the manholes with a watertight connection arrangement. Watertight manhole covers are to be used wherever the tips may be flooded by high water or street runoff.

D. STREAM CROSSINGS (Below Stream Grade):

1. Crossing streams shall require that the tip of the sewer be at a sufficient depth below the designed or natural depth to afford protection to the line. Three feet of cover, especially in major streams, is required.
2. Stream crossings should be designed to be perpendicular to said stream and shall be free from change in grade.
3. Stream crossings shall be constructed of ductile iron pipe with mechanical joints. Backfill material for the trench shall be washed gravel, coarse aggregate, or any other material, which will not cause siltation or erosion.

E. STREAM CROSSINGS (Above Stream Grade):

1. Support for aerial crossings shall be provided at all pipe joints.
2. Precautions against freezing shall be provided along with expansion joints between above and below ground sewers.
3. Fifty-year flood elevations shall be considered where the impact of debris and flood waters could damage the crossing.

F. STATE HIGHWAY CROSSINGS:

1. All highway crossings shall be "Jacked and Bored".
2. The material to be used shall be PVC pipe encased in steel pipe (as required by LADOTD).

G. NOTIFICATION PRIOR TO BEGINNING SANITARY SEWER CONSTRUCTION:

1. *Your Name* personnel shall be notified 24 hours prior to beginning any sanitary sewer construction work.
2. A 48-hour notice shall be required where weekend construction work is contemplated.

H. MAINTENANCE AGREEMENT:

The Developer of the subdivision, through his Contractor, shall be obligated to provide an eighteen (18) month Maintenance Bond in the amount of ten (10%) percent of the total estimated cost of the contemplated sewer improvements to assure that said improvements are satisfactorily completed, approved, and accepted by *Your System Name* , as the case may be. (Sample copy of form attached.)

I. MAINTENANCE AGREEMENT:

The Developer of the subdivision, through his Contractor, shall be obligated to provide an eighteen (18) month Maintenance Bond in the amount of ten (10%) percent of the total estimated cost of the contemplated sewer improvements to assure that said improvements are satisfactorily completed, approved, and accepted by *Your System Name* , as the case may be. (Sample copy of form attached.)

J. FINAL APPROVAL OF SEWER IMPROVEMENTS:

Individual sanitary sewer house services shall be permitted to be connected into the sewer system until such time as the construction of same has been satisfactorily completed and approved and until the Maintenance Agreement has been entered into along with the posting of the Maintenance Bond in favor of the *Your Name* where the improvements are located.

K. SERVITUDES:

Servitudes of adequate dimensions, acceptable to *Your System name* , shall be dedicated for future utilization by said *Yours* maintenance forces.

L. SEWER ACCESS:

When it is determined that the existing *Yours* sewer system is incapable of receiving or providing for the discharge (overload) from the proposed subdivision, the Developer shall be obligated at his cost to include provisions within the construction plans to upgrade said existing sewer system to accommodate said discharge (overload). The determined cost amount shall be payable up-front to the *Yours* prior to the starting of construction.

M. SEWER PLANS REVIEW AND CONSTRUCTION INSPECTION FEE:

A subdivision developer or landowner shall be obligated for the payment of a fee, to either *Your System Name* , as the case may be, covering a *Yours* boundary extension required to accommodate a proposed subdivision, or individual landowner, and the review of their contemplated sewer construction plans for conformance with the *Yours* "Guidelines", by the *Yours* engineer, along with the inspection of construction by *Yours* personnel. Payment of this fee shall be based on the following:

1. Preparation and execution of requirements necessary to extend the *Yours* basic boundary to include the developer's subdivision or a landowner's property.
 - a. Maximum Fee not to exceed \$500.00 LUMP SUM
 - b. Or, Minimum Fee @ \$250.00 LUMP SUM
2. Construction Plans Review:
 - a. Maximum Fee @ \$500.00 LUMP SUM
 - b. Or, Five Percent of Inspection Fee Calculation, LUMP SUM
 - c. Or, Minimum Fee @ \$100.00 LUMP SUM
3. Inspection of Gravity Flow Sewer Lines @ \$1.00 per LINEAR FOOT
4. Inspection of Force Mains @ \$0.50 per LINEAR FOOT
5. Inspection of Lift Stations @ \$500.00 per EACH

A sheet showing the total quantities of the various items of work shall be submitted along with the construction plans. These listed quantities shall be the basis for the fee.

Payment for the above enumerated services for plan review and construction inspection shall be made by the Developer to *Yours* prior to any sewer construction commencing.

YOUR SYSTEM NAME

YOUR PARISH, LOUISIANA

BASIC DESIGN REQUIRMENTS
SEWAGE PUMPING STATIONS

A. **GENERAL:**

1. Sewage pumping stations shall be protected (including structure and mechanical and electrical equipment) from physical damage by the 100-year flood, and shall remain fully operational and accessible during the 25-year flood.
2. The pumping station shall be readily accessible by maintenance vehicles during all weather conditions and protected with a chain link fence equipped with double swinging driveway gates.

B. **DESIGN:**

1. Sewage pumping stations shall be of the wet well type, with walls protected inside and outside with two coats of coal tar epoxy, minimum of 10 mils thick.
2. Provisions shall be made to facilitate the removal of pumps, motors, and other electrical And mechanical equipment.
3. Safe access shall be provided to wet wells containing mechanical equipment requiring maintenance or inspection.
4. Local, state, and federal safety codes should be referred to and the more stringent one shall govern.
5. At least two (2) pumps shall be provided. A minimum of three (3) pumps should be provided for stations handling flows greater than 1 MGD. If only two (2) units are provided, they should have the same capacity. Each shall be capable of handling flows in excess of expected maximum flow. Where three (3) or more units are provided, they should be designed to fit actual flow conditions and must be of such capacity that with any one unit out of service the remaining units will have capacity to handle maximum sewage flows.
6. Except where grinder pumps are used, pumps shall be capable of passing spheres of at least three (3") inches in diameter, and pump suction and discharge piping shall be at least four (4") inches in diameter.

7. Electrical systems and components (e.g., motors, lights, cables, conduits, switchboxes, control circuits, etc.) in raw sewage wet wells, or in enclosed or partially enclosed spaces where hazardous concentrations of flammable gases or vapors may be present, shall comply with the National Electrical Code requirements for Class I, Group D, Division 1 locations. In addition, equipment located in the wet well shall be suitable for use under corrosive conditions. Each flexible cable shall be provided with watertight seal and separate strain relief. A fused disconnect switch located above ground shall be provided for all pumping stations. Where such equipment is exposed to weather, it shall meet the requirements of weatherproof equipment (NEMA 3R).
8. Each pump should have an individual intake. Wet well design should be such as to avoid turbulence near the intake. Intake piping should be as straight and short as possible.
9. The pumps and controls of main pumping stations, and especially pumping stations pumping to the treatment works or operated as part of the treatment works, should be selected to operate at varying delivery rates to permit discharging sewage at approximately its rate of delivery to the pump station. Design pumping rates should be established in accordance with Section A.1 and A. 2 under “Basic Design Requirements – Sewer Mains.”
10. Control systems shall be of the air bubbler type, the encapsulated float type, or the flow measuring type. Float-tube control systems on existing stations being upgrades may be approved. The electrical equipment shall comply with the National Electric Code requirements for Class I, Group D, Division I locations. The control system shall be located away from the turbulence of incoming flow and pump suction. In small stations, provisions should be made to automatically alternate the pumps in use.
11. Suitable shutoff valves shall be placed on the suction line of each pump except on submersible and vacuum-printed pumps. Suitable shutoff and check valves shall be placed on the discharge line of each pump. The check valve shall be located between the shutoff valve and the pump. Check valves shall be suitable for the material being handled. Check valves shall not be placed on the vertical portion of discharge piping. Valves shall be capable of withstanding normal pressure and water hammer. Where limited pump backspin will not damage the pump and low discharge head conditions exist, short individual force mains for each pump may be considered in lieu of discharge valves. Valves shall not be located in the wet well.
12. Consideration should be given to dividing the wet well into multiple sections, properly interconnected, to facilitate repairs and cleaning. The wet well size and control setting shall be appropriate to avoid heat buildup in the pump motor due to frequent starting and to avoid septic conditions due to excessive detention time. The wet well floor shall have a minimum slope of 1:1 to the hopper bottom. The horizontal area of the hopper bottom shall be not greater than necessary for proper installation and function of the inlet.

13. Adequate ventilation shall be provided for all pump stations. Where the pump pit is below the ground surface, mechanical ventilation is required, so arranged as to independently ventilate the dry well and the wet well if screens or mechanical equipment requiring maintenance or inspection are located in the wet well. In pits over 15 feet deep, multiple inlets and outlets are desirable. Dampers should not be used on exhaust or fresh air ducts and fine screens or other obstructions in air ducts should be avoided to prevent clogging. Switches for operation of ventilation equipment should be marked and located conveniently. All intermittently operated ventilating equipment shall be interconnected with the respective pit lighting system. Consideration should be given also to automatic controls where intermittent operation is used. The fan wheel should be fabricated from non-sparking material. Consideration should be given to installation of automatic heating and/or dehumidification equipment.
14. Ventilation may be either continuous or intermittent. Ventilation, if continuous, shall provide at least 12 complete air changes per hour; if intermittent, at least 30 complete air changes per hour. Air shall be forced into the wet well rather than exhausted from the wet well.

C. SUBMERSIBLE PUMP STATIONS:

1. For maintenance standardization by the Yours forces, the submersible pumps and motors specified shall be as manufactured by either GOULDS or FLYGT and shall be designed specifically for raw sewage use, including totally submerged operation during a portion of each pumping cycle. An effective method to detect shaft failure or potential seal failure shall be provided, and the motor shall be of squirrel-cage type design without brushes or other arc-producing mechanisms. Submersible pumps shall be readily removable and replaceable without dewatering the wet well or disconnecting any piping in the wet well.
2. Electrical supply and control and alarm circuits shall be designed to provide strain relief and to allow disconnection from outside the wet well. Terminal and connectors shall be protected from corrosion by location outside the wet well or through use of watertight seals. If located outside, weatherproof equipment shall be used.
3. The motor control center shall be located outside the wet and shall be protected by a conduit seal or other appropriate measures meeting the requirements of the National Electrical code, to prevent the atmosphere of the wet well from gaining access to the control center. The seal shall be so located that the motor may be removed and electrically disconnected without disturbing the seal.
4. Pump motor power cords shall be designed for flexibility and serviceability under conditions of extra hard usage and shall meet the requirements of the Mine Safety and Health Administration for trailing cables. Ground fault interruption protection shall be used to de-energize the circuit in the event of any failure in the electrical integrity of the cable. Power cord terminal fittings shall be corrosion-resistant and constructed in a manner to prevent the entry of moisture into the cable, shall be provided with strain relief appurtenances, and shall be designed to facilitate field connecting.

5. Valves required shall be located in a separate valve pit. Accumulated water shall be drained to the wet well or to the soil. If the valve pit is drained to the wet well, an effective method shall be provided to prevent sewage from entering the pit during surcharged wet well conditions.

D. ALARM SYSTEMS:

1. Alarm systems shall be provided for pumping stations. The alarm shall be activated in cases of power failure, pump failure, use of the lag pump, unauthorized entry, or any cause of pump station malfunction. Pumping station alarms shall be telemetered, including identification of the alarm condition, to a sewer station facility that is manned 24 hours a day. If such a facility is not available and 24-hour holding capacity is not provided, the alarm shall be telemetered to sewer offices during normal working hours and to the home of the person(s) in responsible charge of the pump station during off-duty hours. Audio-visual alarm systems with a self-contained power supply may be acceptable in some cases in lieu of the telemetering system outlined above, depending upon location, station holding capacity, and inspection frequency.

E. EMERGENCY OPERATION:

1. Pumping stations and collection systems shall be designed to prevent or minimize bypassing of raw sewage. For use during possible periods of extensive power outages, mandatory power reductions, or uncontrolled storm events, consideration should be given to providing a controlled, high-level wet well overflow to supplement alarm systems and emergency power generation in order to prevent backup of sewage into residences, or other discharges which may cause severe adverse impacts on public interests, including public health and property damage. Where a high level overflow is utilized, consideration shall also be given to the installation of storage/detention tanks, or basins, which shall be made to drain to the station wet well. Where such overflows affect public water supplies, shellfish production, or waters used for culinary or food processing purposes, a storage/detention basin, or tank, shall be provided having a 2-hour detention capacity at the anticipated overflow rate.
2. A satisfactory method shall be provided to prevent or minimize overflows. The following methods should be evaluated on an individual basis:
 - a. Storage capacity, including trunk sewers, for retention of wet weather flows (storage basins must be designed to drain back into the well or collection system after the flow recedes).
 - b. An in-place or portable pump, driven by an internal combustion engine capable of pumping from the wet well to the discharge side of the station.

F. INSTRUCTIONS:

1. Sewage pumping stations and their operators shall be supplied with a complete set of operational instructions, including emergency procedures, maintenance schedules, special tools, and such spare parts as may be necessary.

G. FORCE MAINS:

1. At design average flow, a velocity of at least 2 feet per second shall be maintained.
2. An automatic air relief valve shall be placed at high points in the force main to prevent air locking.
3. Force mains should enter the gravity sewer system at a point not more than 2 feet above the flow line of the receiving manhole.
4. The force main and fittings, including reaction blocking, shall be designed to withstand normal pressure and pressure surges (water hammer).
5. Force mains constructed near streams or used for aerial crossings shall meet applicable requirements of Sections D. and E. of “Basic Design Requirements—Sewer Mains.”
6. Friction losses through force mains shall be based upon the Hazen and Williams formula or other acceptable method. When the Hazen and Williams formula is used, the following values for “C” shall be used for design:

Unlined iron or steel -	100
All other -	120

When initially installed, force mains will have a significantly higher “C” factor. The higher “C” factor should be considered only in calculating maximum power requirements.

7. There shall be at least a 10-foot horizontal separation between water mains and sanitary sewer force mains. Force mains crossing water mains shall be laid to provide a minimum vertical distance of 18 inches between the outside of the force main and the outside of the water main. This shall be the case where the water main is either above or below the force main. At crossings, one full length of water pipe shall be located so both joints will be as far from the force main as possible. Special structural support for the water main and the force main may be required.
8. Where force mains are constructed of material, which might cause the force main to be confused with potable water mains, the force main should be appropriately identified.

YOUR SYSTEM NAME

YOUR PARISH, LOUISIANA

BASIC PRODUCT SPECIFICATIONS

A. GENERAL:

1. Each length of pipe shall bear the name or trademark of the manufacturer, the location of the manufacturing plant, and the class or strength classification of the pipe. The markings shall be plainly visible on the pipe barrel.

B. POLYVINYL CHLORIDE (PVC) GRAVITY SEWER PIPE:

1. PVC pipe and fittings shall be made from components as defined and described in ASTM D-1784. The pipe shall be joined with an integral bell, bell and spigot type rubber-gasketed joint. Each integral bell joint shall consist of a formed bell complete with a single rubber gasket. Gaskets shall conform to ASTM F-477. PVC pipe and fittings 8 to 15 inches in diameter shall conform to ASTM D-3034 for Standard Dimension Ratio (SDR) 35. The pipe and fittings shall be as manufactured by Certain Teed Corporation, J-M Manufacturing Company, Inc., or approved equal.

C. PVC PIPE JOINT:

1. The PVC joints shall be of the push-on type so that the pipe and fittings may be connected on the job without the use of solvent cement or any special equipment. The joint seal shall be affected by a single rubber joint gasket designed to be assembled by the positioning of the continuous, molded rubber ring gasket in an annular recess in the pipe or fitting socket and the forcing of the spigot end of the joining pipe into the socket, thereby compressing the gasket radially to the pipe. The gasket and annular recess shall be designed and shaped so that the gasket is locked in place against displacement as the joint is assembled. The rubber ring joint shall be designed for thermal expansion or contraction with a total temperature change of at least 75 ° F. The bell shall consist of an integral wall section with a solid cross-section elastomeric ring, which shall meet the requirements of ASTM D-3212. Lubricant furnished for lubricating joints shall be nontoxic, shall not support the growth of bacteria, and shall have no deteriorating effects on the gasket or the pipe material.

D. DUCTILE IRON GRAVITY SEWER PIPE:

1. Ductile iron pipe shall conform to ANSI A21.51 and AWWA C-151. Thickness of pipe shall be Class 51.
2. Restrained joints for ductile iron gravity mains shall be provided at all joints. Restrained joint pipe and fittings for 12-inch and smaller diameter pipe shall be "Flex-Ring" as manufactured by Americans Cast Iron Pipe Company, "TR Flex" as manufactured by U. S. Pipe Company, "Super-Lock" as manufactured by Clow Corporation, or approved equal. Where bolts are required, they shall be cadmium plated. Field cut restrained joints shall be designed so that no welding will be required on the pipe resulting in either damage to the inner lining or crystallization of the metal in the pipe wall.

3. Restrained joints, where shown or specified, shall be designed to withstand vertical and longitudinal forces and shall be capable of holding against withdrawal with no axial movement.
4. Mechanical joint restraint systems making use of retainer glands shall not be allowed.
5. Restrained pipe joints that achieve restraint by incorporating cut out sections in the wall of the pipe shall have a minimum wall thickness at the point of cut out that corresponds with the minimum specified wall thickness for the rest of the pipe.

E. JOINTS FOR DISSIMILAR PIPE:

1. Joints between pipe of different materials shall be made with a flexible mechanical compression coupling with No. 305 stainless steel banks as manufactured by Joints, Inc. of Gardena, California; Fernco Sealer Co. of Fernadale, Michigan; or approved equal.

**ORDINANCE AMENDING CODE OF ORDINANCES
CHAPTER 16, WATER AND SEWER, ARTICLE C – SEWERAGE DISTRICT
SECTION 16.33 USER CHARGES, 1**

An amendment to Chapter 16, Article C – Sewerage District Section 16.33 User Charges, 1, of the Code of Ordinances of the Village of Folsom revising rates to all water and sewer customers of users of the municipal water and sewerage systems.

ARTICLE C – SEWERAGE DISTRICT

SECTION 16.33 USER CHARGES

1. For residential users where water consumption is metered the monthly sewer charge for each connection shall be revised to \$12.50 for the first 2000 gallons and \$12.50 plus \$2.00 per 1000 gallons for consumption over 2000 gallons.

For commercial users where water consumption is metered the monthly sewer charge for each connection shall be revised to \$30.00 for the first 2000 gallons and \$30.00 plus \$2.00 per 1000 gallons for consumption over 2000 gallons.

Whereupon, the Mayor declared the above ordinance duly adopted on the April 14, 2003.

Folsom, Louisiana this 14th day of April, 2003.

Ronald Holliday, Alderman

George Garrett, Alderman

David Pittman, Alderman

Approved:

VILLAGE OF FOLSOM

By: Marshell Brumfield, Mayor

CERTIFICATE

I, Joyce Core, certify that the above and foregoing is a true and correct extract of the minutes of the regular session of the Village of Folsom held at the Town Hall in the Village of Folsom, Louisiana on the 14th day of April 2003.

Joyce Core, Municipal Clerk

VILLAGE OF FOLSOM
STATE OF LOUISIANA

ORDINANCE AMENDING FOLSOM CODE OF ORDINANCES
CHAPTER 16, "WATER AND SEWER,"
ARTICLE B, "WATER REGULATION, POLICIES AND RATES"

BE IT ORDAINED by the Board of Aldermen of the Village of Folsom, State of Louisiana that the Village of Folsom, Code of Ordinances, Chapter 16 "Water and Sewer," Article B "Water Regulations, Policies and Rates" be amended to read as follows:

ARTICLE B, WATER REGULATIONS, POLICIES AND RATES

Section 16.11 Turning on water.

- (a) No water from the municipal water supply shall be turned-on for service into any premises by any person but the municipal maintenance supervisor or someone authorized by the municipal maintenance supervisor to perform this service.
- (b) Where water service has been cut-off or disconnected for non-payment of a bill or where water service has been temporarily disconnected at the request of a customer or owner, a reconnection fee shall be added to the water bill.

Section 16.2 Application.

Application to have water service turned-on shall be made in writing to the municipal clerk.

Section 16.3 Deposit.

A deposit shall be made with each application and the deposit shall be retained by the municipality to ensure payment of charges for water service. When service to the applicant has been permanently discontinued, the deposit, less any amount due for water service, shall be refunded without interest.

Section 16.4 Plumbing.

No water shall be turned-on for service is premises in which the plumbing does not comply with the code, provided that water may be turned-on for construction work in unfinished buildings, subject to the code.

Section 16.15 Services installation; fees; resale; tampering.

- (a) No water shall be resold or distributed by a recipient of the municipal water supply to any premises other than the premises for which application has been made, except in the case of emergency.

- (b) It shall be unlawful for an unauthorized person to tamper with or alter any part of the municipal waterworks, the municipal supply system or water meters.
- (c) The Board of Aldermen shall, by resolution, establish fees and charges for deposits, installation and services with respect to municipal water service.
- (d) The Board of Aldermen shall, by resolution, establish billing cycles and due dates for services with respect to municipal water service.
- (e) The Board of Aldermen shall, by resolution, establish penalties and charges for late payment and non-payment with respect to municipal water service.
- (f) The Board of Alderman shall, by resolution, establish reasons for discontinuation of municipal water service and procedures for discontinuation of municipal water service.

Section 16.16 Service pipes.

- (a) All service pipes from the water mains to the premises served shall be installed by and at the cost of the owner of property to be served or the applicant for the service. The installation shall be under the inspection of the municipal maintenance supervisor.
- (b) All repairs for service pipes and plumbing systems of building shall be made by and at the expense of the owners of the premises served. The municipality may, in the case of emergency, repair service pipes and assess the cost of repair to the owner of the premises served.
- (c) Excavations for installing or repairing service pipes shall be made in compliance with the code provisions with respect to street excavation. The placement of a service pipe in the same excavation with any drain pipe or sewer pipe, or directly over any drain pipe or sewer pipe, is prohibited.

Section 16.17 Meters.

- (a) All premises using the municipal water supply must be equipped with an adequate water meter furnished by the municipality but paid for by the consumer; provided that water service may be supplied at a flat rate of charge until a meter is installed. Before any premises are occupied or any municipal water service is provided, a water meter must be installed or application made for service at the flat rate of charge until the water meter is installed.
- (b) Water meters shall be installed in accessible locations.
- (c) The municipal maintenance supervisor will read or cause to be read each municipal water meter as required for regular and prompt delivery of bills for water service.
- (d) Prior to the installation of water meters, the customer shall pay a deposit for each water meter installed. The amount of the deposit shall be determined by resolution of the Folsom Board of Aldermen.
- (e) Removal or tampering with municipal water meters is prohibited. If reinstallation of a municipal water meter is required, the customer shall pay a reinstallation fee as determined by resolution of the Folsom Board of Aldermen.

Section 16.18 Rates.

The Folsom Board of Aldermen will, by resolution, establish charges for deposits, installation, service, maintenance and related fees and charges as required for the safe, efficient and economical operation of the municipal water system.

The Folsom Board of Aldermen may authorize discontinuation of water service to customers for non-payment of fee and charges.

The Folsom Board of Aldermen may authorize legal proceedings for collection of unpaid fees and charges.

Section 16.19 Turning off Water.

Without specific authority from the Village of Folsom, no person shall disconnect or interfere with the flow of water in any municipal water main or water pipe.

Section 16.20 Water Users Agreement.

No municipal water service shall be provided unless a "Water Users Agreement" has been executed by the customer (or owner of the property) and Village of Folsom. The form of the "Water Users Agreement" shall be prepared by the Village of Folsom.

Section 16.21 Combined Billing.

The Folsom Board of Aldermen may, by resolution, authorize water and sewer charges to be combined in a single bill.

Section 16.22 through 16.30

Reserved.

END OF ARTICLE B, WATER REGULATIONS, POLICIES AND RATES

BE IT FURTHER ORDAINED that this ordinance shall take effect on and after its promulgation.

Folsom, Louisiana this 11th day of April, 2005.

George W. Garrett, Alderman

Ronald W. Holliday, Alderman

John T. Mathis, Alderman

Approved:

VILLAGE OF FOLSOM

By: MARSHALL BRUMFIELD, Mayor

CERTIFICATE

I, Joyce Core, certify that the above is a true and correct extract of the minutes of the meeting of the Folsom Board of Aldermen held at the Town Hall in the /village of Folsom, Louisiana on April 11, 2005. Present: Marshall Broomfield, Mayor; George W. Garrett, Alderman; Ronald W. Holliday, Alderman; John T. Mathies, Alderman, All present voted yea an there were no nays.

JOYCE CORE, Municipal Clerk

